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MONTANA HIGHWAY DEPARTMENT

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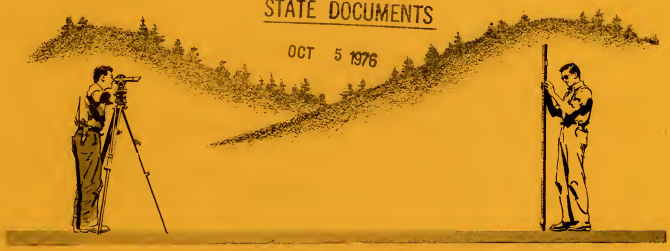

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

OCTOBER 4, 1976

BRITISH COLUMBIA
DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
LINCOLN
FLATHEAD
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
DANIELS
SHERIDAN
ROOSEVELT
VALLEY
BLAINE
PONDERA
CHOUTEAU
RICHLAND
SANDERS
LAKE
TETON
LEWIS AND CLARK
CASCADE
FERGUS
PETROLEUM
GARFIELD
McCONE
DAWSON
MINERAL
MISSOULA
JUDITH BASIN
PRAIRIE
WIBAUX
GRANITE
POWELL
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELL
ROSEBUD
FALLON
RAVALLI
DEER LODGE
JEFFERSON
BROADWATER
GALLATIN
SWEET GRASS
STILLWATER
ELLOWSTONE
TREASURE
CUSTER
POWDER RIVER
CARTER
SILVER BOW
BEAVERHEAD
MADISON
PARK
CARBON
BIG HORN
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved
H.J. Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
OCTOBER 1, 1976

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is supbmitted covering construction and preconstruction operations in Area 1130 for the period ending October 1, 1976:

G E N E R A L

Skies have been mostly clear, temperatures moderate, and precipitation light the past two weeks. Progress has been fair on most projects.

P R E C O N S T R U C T I O N

I 90-1(12)22, Drexel - East and West — VTN, Inc., Consultant
Bridge Design — Helena, Montana
Report not received from consultants. The design was 96% complete last period.

I 90-1(12), Drexel - East and West — Menasco-McGuinn Associates
Length - 5.8 Miles — Helena, Montana, Consultants
There has been no word from the consultants.

I 90-1(13)39-43, Sloway - East & West — Henningson, Durham & Richardson
I 90-1(40)43-47, Superior - West — Helena, Montana, Consultants
F 254(10), LaVista - Superior Primary — Est. Comp. Date - Oct. 31, 1976
Report not received from the consultants. The design was 94.5% complete last period.

I 90-1(77)22, Drexel - East & West — L. D. Claridge, Field Proj. Mgr.
Length - 5.342 Miles - Construction Staking — St. Regis, Mont., Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

RS 4(10), State Route 269 - Stevensville — Personnel Unassigned
Length - 0.5± Mile, Preliminary Engineering
Work will be started when personnel are available.

M-RS 000S(53), Missoula County — Personnel Unassigned
Signs & Traffic Control Devices
Contract Scheduled for Letting Oct. 28, 1976

RF 192(9), Arlee Safety — Personnel Unassigned
Topography Survey
Work will be started when personnel are available.

F 197(8), Dixon - Ravalli — Personnel Unassigned
Length - 8.5± Miles, Preliminary Engineering
Work will be started when personnel are available.

F 219(36), DeSmet - Evaro
Length - 5.3 Miles
Survey Started Dec. 18, 1975
Work has been temporarily suspended. The survey remains 96% complete.

C. W. Hegman, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Est. Comp. Date - Pending

S 221(3), Thompson Falls - West
Length - 4.3 Miles
There has been only minor work on subject project the past two weeks. The design remains 56% complete.

H. J. Smith, Designer II
Missoula, Mont., Phone 549-6491

S 221(7), Thompson Falls - West
Length - 4.31 Miles
There has been some inking of right-of-way onto linens the past two weeks. The design remains 85% complete.

H. J. Smith, Designer II
Missoula, Mont., Phone 549-6491

RF 223(6), Plains - Paradise
Length - 6.9± Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

RS 360(3), Rattlesnake Cr. Bridge, Missoula
Length - 0.1± Mile, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

RS 360(4), Intersection of Rattlesnake Drive & Lincolnwood, Missoula, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

M 8114 - Missoula
5th & 6th to 7th Streets
Work will be started when personnel are available.

Personnel Unassigned

M 8199(3), Missoula Intersections
Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

C O N S T R U C T I O N

I 90-1(80)0, Lookout Pass - East
Length - 10.732 Miles, AGS-PMS-C. Rail-Sign
Contract Awarded May 6, 1975
Amount of Contract - $5,359,850.07
Work Started June 30, 1975
Work Proceed Date - May 28, 1975
Progress has been good the past two weeks. Type III plant-mix bituminous surfacing has been completed and some cleanup of shoulders and rejuvenating of pit remain to be completed. Installation of bit. curb has also been completed. Installation of guard rail, signs and snow poles is currently underway. Pavement edges are being sealed, and random cracks are being cleaned and sawed, prior to replacing of seal. Bridge approach ends remain to be sealed. There has been some minor work on drainage items, embankment protectors, erosion control, etc. The project as a whole is 90% complete with 70% of the contract time elapsed. Forty-five men are working shifts of various lengths. Construction layout, with a 12-man engineering crew engaged, is 93% complete.

Northwest Construction, Inc.
Kirkland, Wash., Contractor
C. R. Owen, Field Proj. Mgr.
Saltese, Mont., Phone 678-4346
Contract Time - 200 Working Days
Prob. Comp. Date - Oct. 30, 1976

I 90-1(50)16, U-1 & I 90-1(52)11, U-1
DeBorgia - East & West & Saltese - Haugan
Length - 10.828 Miles, GR-AGG. SURF-PMB
Contract let Dec. 14, 1972
Amount of Contract - $5,533,558.78
Work Started Feb. 15, 1973

Washington Construction Co.
Missoula, Mont., Contractor
Carl E. Smith, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 350 Calendar Days
Completed - Aug. 12, 1976

Work will be started on final data in about two weeks. The engineering crew is currently engaged on other assignments.

I 90-1(77)22, U-1, Drexel - East & West
Length - 455.0-Ft. & 638.0-Ft. Composite Steel & Girder Bridges over the St. Regis River
Contract let July 2, 1975
Amount of Contract - $2,282,935.00
Work Started Aug. 19, 1975

Hensel-Phelps Const. Co.
Vancouver, Wash., Contractor
W. L. Liles, Field Proj. Mgr.
Superior, Mont., Phone 649-2471
Contract Time - 140 Working Days
Prob. Comp. Date - Oct. 29, 1976

Progress has been good. At Sta. 168, Bents 2 and 3 concrete is being finished. At Sta. 183, concrete has been placed in upper columns and concrete on crashwall is being finished at Bent 2. At Bent 3, concrete has been placed in cap, and steel cap form has been removed for resetting at Bent 2. There was no work at Bent 4. The project as a whole is 33% complete with all of the contract time elapsed. Twenty-three men are working on five ten to twelve-hour shifts per week. Construction lay-out, with a 3-man engineering crew engaged, is 80% complete.

I 90-1(77)22, U-2, Drexel - East & West
Length - 0.5 Mile, Grading & Detours
Contract let June 10, 1976
Amount of Contract - $1,453,180.88
Work Started July 6, 1976
Work Proceed Date - July 6, 1976

Washington Construction Co.
Missoula, Mont., Contractor
L. D. Claridge, Field Proj. Mgr.
St. Regis, Mont., Phone 649-2471
Contract Time - 120 Working Days
Prob. Comp. Date - July 1, 1977

Progress has been good. Fill at Detour 2 is up to grade and work is currently underway on fill at Detour 1. The 1-1/2" base is completed on both detours, and installation of guard rail is currently underway. Paving of detours was started the latter part of this week. The project as a whole is 51% complete with 58% of the contract time elapsed. Thirty men are working on ten 9-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 80% complete.

I 90-1(59)35, U-2, Sloway Interchange
Length - Dual 128.0-Ft. Prestressed Concrete Girder Overpass
Contract let May 15, 1975
Amount of Contract - $324,775.51
Work Started July 2, 1975

Hightower & Wallace Const. Co.
Missoula, Mont., Contractor
George Roat, Field Proj. Mgr.
Superior, Montana
Contract Time -130 Working Days
Completed - July 28, 1976

Final data will be forwarded to Helena about October 15, 1976.

I 90-1(87)45, Superior - West
Length - 544.5-Ft. Composite Steel & Concrete Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract - $1,084,707.40
Work Started Aug. 25, 1976

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
George Roat, Field Proj. Mgr.
Superior, Montana
Contract Time - 250 Working Days
Prob. Comp. Date - May 30, 1977

Work the past week consisted of forming and placing concrete for the cap at Bent 2, driving sheetpile and excavating at Pier 3, and forming the backwall at Bent 5. The project as a whole is 26% complete with 58% of the contract time elapsed. Ten men are working five 10-hour shifts per week. Construction layout, with a 4-man engineering crew engaged, is 30% complete.

I 90-2(51)78, U-3, Huson - West
Length - 1,020.0-Ft. Composite Steel & Concrete Girder Bridge over Clark Fork & Emb. Approaches
Contract let Aug. 16, 1974
Amount of Contract - $2,367,500.00
Work Started Oct. 9, 1974

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
Wm. C. Maart, Field Proj. Mgr.
Missoula, Mont., Phone 722-4461
Contract Time - 280 Working Days
Prob. Comp. Date - Oct. 30, 1976

Erection of bridge rail has been completed. Currently underway are grinding of high spots on the deck, finishing substructure concrete, and repairing deck to girder fillets. There was no work on the roadway. The project as a whole is 94% complete with 85% of the contract time elapsed. Twenty-four men are working five-8-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 90% complete.

RF 164(20), Philipsburg - South
Length - 7.7 Miles, PMB-Seal-Cover, Sign & Lighting
Contract let May 13, 1976
Amount of Contract - $591,661.11
Work Started May 26, 1976

Zook Bros. Construction Co.
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Prob. Comp. Date - Nov. 15, 1976

Work the past two weeks consisted of placing seal and cover on the roadway and approaches. The project as a whole is 87% complete with 76% of the contract time elapsed. Sixteen men are working five 8-hour shifts per week. Construction layout, with a 7-man engineering crew engaged, is 95% complete.

RF 186(9), Perma - East
Length - 3.6 Miles, PM-Surf-Seal-Cover-G. Rail
Contract let June 26, 1975
Amount of Contract - $402,977.50
Work Started Aug. 25, 1975
Work Proceed Date - July 22, 1975

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Completed - Aug. 9, 1976

Final data will be submitted to the Division office about October 29, 1976.

F 215(23), Florence - Lolo &
F 259(16), Florence - North & South
Length - 9.344 Miles, G-GS-PMS, Sign & Fence
Contract let Sept. 19, 1973
Amount of Contract - $1,579,040.37
Work Started Oct. 24, 1973
Work Proceed Date - Oct. 16, 1973

Washington Construction Co.
Missoula, Mont., Contractor
Gerald Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 330 Calendar Days
Completed - Oct. 27, 1975

Final data will be submitted to Helena about October 29, 1976.

F 215(25) & F 9999(5), U-3, City of Missoula
Length - 6.8 Miles, Upgrade Surf.-Signs-Signals
Contract let Sept. 20, 1973
Amount of Contract - $175,736.13
Work Started Feb. 19, 1974
Work Proceed Date - Oct. 18, 1973

Rainbow Electric, Contractor
Great Falls, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Calendar Days
Completed - Nov. 18, 1975

The final data will be submitted to the Division office about Oct. 15, 1976.

HHS 219(1), FF 219(32) & HHS 219(35)
DeSmet Interchange - North, Evaro - North & South & Evaro Hill - South
Length - 10.595 Miles, Missoula & Lake Counties
Contract let Feb. 26, 1976
Amount of Contract - $876,235.40
Work Started April 30, 1976

McIntyre Const. Co. & S. Birch, Inc.
C. W. Hegman, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 110 Working Days
Prob. Comp. Date - Sept. 29, 1976

HHS 219(1), FF 219(32) & HHS 219(35 - cont'd.

Completion date is subject to final inspection and acceptance. Three engineers are compiling final data for submittal to the Division office about November 1, 1976.

RS 343(12), Avon - Helmville
Length - 5.1 Miles, G-AGG. Surf.-PMB-Widen & Guard Rail Revision
Contract let May 27, 1976
Amount of Contract - $1,168,747.12
Work Started July 7, 1976

Washington Construction Co.
Missoula, Mont., Contractor
Gerald P. Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 150 Working Days
Prob. Comp. Date - Aug. 15, 1977

Embankment is being placed from Sta. 617+ to Sta. 870+, and pipe is being placed throughout the project. Installation of multi-plate pipe is underway at Sta. 820+, and work is also underway on the three bridges. The project as a whole is 25% complete with 41% of the contract time elapsed. Thirty-eight men are working six 8-hour shifts per week. Construction layout, with a 9-man engineering crew engaged, is 65% complete.

M-RS 000S(51) & M 8199(2), U-1
Signing & Delineation - Missoula County
Contract let Sept. 30, 1975
Amount of Contract - $77,620.20
Work Started March 17, 1976
Work Proceed Date - Oct. 22, 1975

Skinner Enterprises, Contractor
Helena, Montana
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Working Days
Prob. Comp. Date - Oct. 15, 1976

Only two shifts were worked the past two weeks, removing existing overhead flasher assemblies and poles. The project as a whole is 99% complete with 70% of the contract time elapsed. Three men worked two 8-hour shifts. Construction layout, with one engineer engaged, is 99% complete.

M 8107(2), City of Missoula
Signalization of Intersections
Contract let Sept. 30, 1975
Amount of Contract - $144,725.75
Work Started Nov. 17, 1975
Work Proceed Date - Oct. 22, 1975

Skinner Enterprises, Contractor
Helena, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 75 Working Days
Prob. Comp. Date - Oct. 22, 1976

The project is complete, with the exception of installing a master controller at 5th and Orange Streets intersection. It will be about two weeks before the material arrives for doing this work. There is also some minor cleanup to be done. The project as a whole is 98% complete with 69% of the contract time elapsed. Two to four men have been working five 8-hour shifts per week. Construction layout, with 2 engineers engaged, is 99% complete.

M 8107(4), North Orange Street - Missoula
Length - 0.8 Mile, Lighting & O'Height Detector
Contract let Aug. 26, 1976
Amount of Contract - $85,663.22
Work Not Yet Started

Midland Electric, Contractor
Billings, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days

Contractor has not advised of his plans for starting work.

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossings, Signing & Signalization
Contract let June 10, 1976
Amount of Contract - $106,132.00
Work Started July 20, 1976
Work Proceed Date - July 6, 1976

Western Sign Corporation
Great Falls, Mont., Contractor
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days
Prob. Comp. Date -Oct. 15, 1976

M 8199(2), U-2 & M-U 8199(4) - cont'd.

There has been no work on this contract the past two weeks. The project as a whole remains 85% complete with 2% of the contract time elapsed. Construction layout, with one engineer engaged, is 96% complete.

BEN C. MILLER, P. E., SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM:cn

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

CONSTRUCTION BUREAU

October 1, 1976

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending October 1, 1976.

G E N E R A L

Progress has been fair. Weather was mostly clear and cool. Day time temperatures from $+60^{o}$ to $+75^{o}$ with night temperatures from $+32^{o}$ to $+46^{o}$. Highways in normal summer driving conditions with traffic tapering off.

P R E - C O N S T R U C T I O N

HHS 58(28) Libby-Kalispell
Length - 2000' & 4300' Alignment Improvement
Survey Authorization Dated - August 27, 1976
Survey Started - September 7, 1976

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
(Field Hdqtrs.-Crystal Creek)
Est. Comp. Date - Jan. 1, 1977

The project consists of two separate sections. The most westerly section is approximately 200 feet in length, spiral points have been set, with a five degree curve to be completed. The most easterly section is approximately 4000 feet in length. Center line has been run from stations 128+00 to 198+00 and spiral points set on the five degree curve, making center line approximately 80% complete. A total of five (5) men worked a total of 40 man days, making a total of 79 man days used to date. The survey as a whole, is approximately 20% complete.

F-100(9) Columbia Falls East & West
S-334(2) Nucleus Avenue
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Jan. 1, 1977

F-100(9)

Plan sheets were submitted to Helena for Plan-In-Hand prints on September 7, 1976. A Plan-In-Hand will be scheduled in the near future. 228 man days have been used to date on design, which is approximately 46% complete. Design personnel are also working on miscellaneous assignments and Off-System design work.

S-334(2)

Plan sheets were submitted to Helena for Plan-In-Hand prints on September 7, 1976. A Plan-In-Hand will be scheduled in the near future, in conjunction with project F-100(9). 64 man days have been used to date on design, which is approximately 46% complete.

RF-257(16) Coram-W. Glacier Section
Length - 4.8 miles
Scheduled for March 1977 Letting

Duane Anderson, F.P.M. (temp.)
Kalispell, Montana 59901
Phone: 755-5006

Progress has been slow due to tying into the 1935 R/W at end of project. A six (6) person survey crew has been staking centerline and R/W breaks between station 632+50 and end of project, sta. 658+56, as requested by the right of way department. No utility relocation starts have been made pending acquisition of Forest Service property for utility corridor by R.E.A.

F-263(8) Stryker-Rooseville
Length - 6.0±miles
Survey Authorization Dated - Nov. 13, 1975
Survey Started - December 8, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date: Dec. 1, 1976

The survey is now suspended pending shutdown of construction activities this fall. Survey as a whole is approximately 71% complete with 554 man days expended.

RS-325(2) Libby South East Rte. 482
Length - 3.5 miles
Survey Authorization Dated - Dec. 6, 1974
Survey Started - January 6, 1975
Survey Suspended - January 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date: Pending

No work on this location survey due to construction work. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length - 6.5 miles
Design Started - July 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717

No work has been done on design the past period. Seventy two (72) man days have been used to date on design, which is approximately 12% complete.

M-6701(1) Meridian Road - Kalispell
Length - 2.0 miles
Survey Authorization Date - Feb. 21, 1975
Work Not Started

Personnel Unassigned
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Pending

No work the past month due to the need for personnel on other projects.

C O N S T R U C T I O N

FH7-1(1) Thompson Falls-West
Aggregate Surfacing & Plant Mix Bit. Base & Signing
Length - 10.0 miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975
Contract Amount - $756,731.50
Proceed Order - April 21, 1975
Work Started - July 22, 1975

Zook Brothers, Const.. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 110 Working Days
Project Completed: Aug. 18, 1976

The project was completed and accepted on August 18, 1976 with 103 of 111 contract days being used or 93% of the adjusted contract time. Work on the final will convene after work winds down this fall and personnel are available.

RF-58(26) Manicke-Kalispell
Fencing U.S. #2 Loon Lake-Flathead Co. Line
Length - 10.0 miles
Contract Let - August 21, 1975
Contract Awarded - August 27, 1975 (FHWA 8-28-75)
Contract Amount - $185,172.00
Proceed Order - Sept. 18, 1975 (S.P. #17)
Work Started - Oct. 6, 1975

Fred Strandberg Const. Co.
Helena, Montana 59601
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 60 Working days
Completed: June 18, 1976

The project was completed and accepted June 18, 1976. A total of 45 working days were used of approximately 74% of the contract time. One engineer will be working on final quantities as time permits. Estimated submittal date is November 15, 1976.

RF-BRF-100(15) Flathead River Br. Columbia Falls
Pre-Stressed Concrete Girder Bridge &
Grade & Surf. Temp. Approach
Length - 0.303 miles
Contract Let - March 27, 1975
Contract Awarded - Mar. 31, 1975 (Conc. by FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Co.
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 300 Working Days
Prob. Comp. Date: July 1, 1977

Progress continues poor with little increase in pay items. The contractor worked two single and eight double shifts of 8 hours per shift employing 11-16 men. The project remains approximately 62% complete with 69% of the total contract time lapsed. Driving of sheet pile at the W.B. coffer dams has been suspended waiting for repairs to the Seeco Driving equipment. Presently the work consists of excavating the coffer dam at W.B. pier No. 3 and W.B. bent No. 1. Slab and sidewalk concrete from the old structure is being removed from the project and general cleanup of the storage yard. Two State employees are presently assigned to the structure.

U191(38) St. Matthew School Signals
MU6799(1) U.S. #2 Signal Upgrade
Installation of Flasher at St. Matthew
School Crossing on Main St. in Kalispell
and Signal Controller Upgrade on 4
Intersections on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - Mar. 31, 1976 (FHWA April 1, 1976)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Not Started

Signal Electric, Inc.
Kent, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 45 Working Days
Prob. Comp. Date: Oct. 15, 1976

The contract was awarded on March 31, 1976. The contractor has been furnished a list of materials required for project. There has been no time assessment being charged as per Special Provision No. 1-B. A preconstruction conference was held September 8, 1976 with a representative of Signal Electric, Inc. and Highway personnel present. They plan to start work in about two weeks with most of the material received.

HHS 257(31) Dew Drop Curve
Grading & Plant Mix Surfacing
Length - 0.094 miles
Contract Let - August 30, 1976
Contract Awarded - August 30, 1976
Contract Amount - $17,623.96
Proceed Order - September 20, 1976
Work Not Started

Pack & Co., Inc.
Kalispell, Montana 59901
Duane Anderson, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 30 Working Days
Prob. Comp. Date: Pending

To date, contractor has not begun work and a signed proceed order has not been received. The engineering crew has spent two days on project and completed staking. A preconstruction conference will be scheduled in the near future.

DP-270(13) U.S. 93 North of Kalispell
Grade, Gravel Surface, Plant Mix Surfacing
Length - 0.776 miles
Contract Let - February 26, 1976
Contract Awarded - Mar. 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 60 Working Days
Prob. Comp. Date: Oct. 20, 1976

There has been no work on the project. All the bid items on the contract have been completed, with acceptance made by the FHWA on September 10, 1976. Work remaining is the adjustment of a drop inlet and concrete box on the approach right of sta. 58±. This work will be on an E.W.O. One engineer is assigned to project as required.

RF-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing, Lighting & One pre-stressed concrete
Girder Bridge
Length - 4.5 miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1975 (Conc. FHWA 4-7-75)
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers, Const. Co.
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 200 Working Days
Prob. Comp. Date: Oct. 22, 1976

Very poor progress the past two weeks. Kalispell Neon worked three (3) days last week erecting two light standards and pulling conductor through the conduit, running into considerable difficulty doing so. They plan to try to complete the installations the first of the coming week. Seeding will commence as soon as possible after October 15. The FHWA inspected the project on September 9, 1976 for acceptance of the work completed. The project as a whole remains 99% complete with 89% of the adjusted contract time elapsed. Construction layout is 100% complete with three (3) engineers and inspectors assigned. The structure is complete, pending final inspection.

RS-404(6) & M06730(1) Kalispell South Loop
Length - 3.5 miles
Scheduled for September 30, 1976 Letting
PS & E Date - September 2, 1976

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006

RS-404(6) & M-6730(1) Kalispell So. Loop (Cont.)

Northwestern Telephone Systems

Underground telephone main line cable was completed on August 12, 1976. Poles and anchors have been set for the overhead portion of telephone relocations, and the service underground cables have been placed. Two men are making service splices in preparation to cutting over to underground cables, which is to be completed on Oct. 15, 1976.

Montana Power (Gas)

A crew of one (1) to four (4) men are working six-eight hour shifts adjusting service lines covered by U.C.O.,for utility revisions.

Pacific Power

A crew of four (4) men worked five-eight hour shifts during this progress period. They completed utility revisions and junked out old poles and wire. The only work remaining is the removal of poles being utilized by telephone systems at present.

RS-410(8) Wampoo-4th of July Creek-Yaak Rd.
Grade, Gravel Surface, Plant Mix
Length - 4.6 miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Bros., Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 140 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair the past period. The contractor is working 1-8 hour shift, five days per week, with 20-25 men employed. Clearing and grubbing is now 95% complete. Unclassified excavation between station 75+00 and 240+00 is approximately 60% complete. Drilling operations are 30% complete. Construction layout with nine (9) engineering personnel, is approximately 35% complete. The project as a whole is now 25% complete, with 35% of the contract time elapsed.

RS-DP 448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix. Base
Length - 5.38 miles
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Dayton, Montana
Phone: 849-5565
Contract Time: 180 Working Days
Prob. Comp. Date: Nov. 1, 1976

Progress has been good. The contractor and sub contractor employed approximately 35 men working variable shifts, ranging from eight (8) hour shifts on fencing and ten (10) hour shifts on grading and surfacing, and working six (6) days per week. All major excavation and embankment has been completed and sub-grade is finished from sta. 70+ to sta. 324+. 24" cross drains and 18" approach culverts are 100% complete. The only culverts remaining to be placed are slope protectors. All cattle guards have been placed. Fence is being placed at areas that had temporary fence, making this item approximately 98% complete. 43,264 tons of 1½" select surface Gr.5 was placed from sta. 98± to sta. 315. 8600 tons of 1½" crushed base type "A" Gr. 5 was placed from sta. 254+ to sta. 315, making aggregate approximately 41% complete. The project as a whole is approximately 51% complete, with 61% of the contract time elapsed. Construction layout is approximately 65% complete with an 11-16 man crew engaged in survey and inspection duties.

SMP-2499-74 State Project
4 Crusher Setups in Flathead & Lake Counties
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $137,160.00
Proceed Order - January 9, 1976
Work Started - Mar. 17, 1976

McIntyre Const. Co. & Birch, Inc.
Great Falls, Montana
John Kalien, Div. Mat'l Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 90 Working Days
Project Completed: May 27, 1976

The final was submitted to the Division office for checking and will be forwarded to Helena about October 8, 1976. Pressing utility relocation inspection causing delay in checking.

Relocation: Montana 37 - Unit 3A - Libby Dam & Lake Koocanusa Project
Length - 2.44 miles
Contract Awarded - August 3, 1976
Contract Amount - $732,945.00
Proceed Order - August 31, 1976

Bering Straits Const. Co.
(Central Const. Co.)
Seattle, Washington
U.S. Army Corps of Engineers
Libby, Montana
Phone: 293-6221
Contract Time: 360 Working Days
Est. Comp. Date: Pending

A preconstruction conference was held on September 10, 1976. The contractor advised that the only work scheduled for this fall will be removal of the railroad grade, and guarry work.

for Loren D. Dollan
James J. Keithley, P.E.
Supervisor-Div. Const. Section

JJK:LD:cs

Department of Highways

Butte, Montana

September 30, 1976

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Divisions 2130 for the period ending September 28, 1976. The weather has been mild with rain showers and temperatures ranging from $+31^{o}$ to $+79^{o}$.

P R E C O N S T R U C T I O N

RS 6(10)
Canyon Ferry Dam S.E.
Location Survey
3.507 Miles
Lewis & Clark and Broadwater Counties

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
December 22, 1976

Work on the Hardshell will commence when time permits. There has been a total of 198 man days expended to date. All items, with the exception of the Hardshell are 100% complete. Project as a whole is 90% complete.

I IG 15-3(13)157
Basin - Boulder
Design
5.9 Miles
Jefferson County

Morrison - Maierle, Inc.
Consulting Engineers
Probable Completion Date:
March 14, 1976

The Draft Design Study Report is being prepared in preparation for advertising for the Public Hearing. The Reinforced Earth River Crossing at Sta. 1276 was approved by the FHWA. Preliminary Plans are 70% complete. Project as a whole is 27% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 214(7)
Intersection of 11th Ave. and
Fee St. - Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: Dec. 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

Received approval of Change Order for Design Study Report and Public Hearing 6/01/76. Transmitted original tracings for Right-Of-Way, Construction Plans, Fencing. Utility Plans to MDH 8/10/76. Transmitted original tracings for Signing Plans to MDH. Design plans are 92% complete. R/W plans are 95% complete. Project as a whole is 99% complete.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
November 12, 1976

Survey has been suspended, temporarily, due to construction projects. There has been a total of 511½ man days expended to date. Lines and Levels runs are 100% complete. Cross sections taken are 39% complete and topogrpahy is 40% complete. Project as a whole is 42% complete.

RS 250(3)
Gregson Road
Location Survey
2.9 Miles
Silver Bow County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location on this project will commence when a crew is available in the Fall.

RS 364(4)
Basin Creek Road
Location Survey
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

RS 364(4) Cont'd.
Work for the period consisted of checking IBM Ground Line List for the staked line, coding coordinate geometry and horizontal alignment and off set forms for the projected line and compiling data for drainage areas calculations. Field work on the project remains 65% complete. Line and Levels run, cross section and topography taken are 100% complete, section ties are 50% complete, hardshell and profile are 80% complete. Design work on the project is 10% complete. Notes reduced and checked are 100% complete, cross sections plotted are 100% complete,cross sections topoged and inked are 90% complete. A two man crew worked 15 man days for a total of 468 man days used to date.

RS 393(1)
West of Twin Bridges
Location Survey
1.0 Miles
Madison County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available in the Fall.

S 442(1)
Grand Avenue - Butte
Location Survey
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

There was no work on the project this period. The mylar and profile plotted, the cross sections plotted and inked, and the grades layed and computed are all 100% complete. The plan and profile are traced for 1.4 miles or 83% complete. Design work on the project is 7% complete.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has suspended awaiting the bridge end elevations and design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced; and the cross sections plotted & inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

PRECONSTRUCTION

M 5807(1) Cont'd.
Field location work on this project will commence when a crew is available in the Fall.

CONSTRUCTION

I 15-2(33)96 Unit 3
Divide South
Aggregate Surf., Pl. Mix
Bit. Surf. and Signing
5.910 Miles
Silver Bow County
Contract Let: July 18, 1974
Bid Price: $1,646,579.65
Work Started: August 21, 1974

McIntyre Constr. Co. & S. Birch Inc. (JV)
Great Falls, Montana
Joseph Bettle, Manager
Field Project
Butte, Montana Tel. 494-4172
Contract Time: 200 Working Days
Completion Date:
June 9, 1976

Checking of Final Data is progressing in the Division Office. It is estimated that Final Data will be sent to Helena on October 29, 1976.

I 15-2(34)103 Unit 2
Divide North
The constr. of a dual 75.0' prestressed Concrete girder overpass (Tucker Cr. Grade Separation) & a dual 75.0 prestressed concrete girder overpass (Highland Road Separation)
0.028 Miles
Silver Bow County
Contract Let: January 8, 1974
Bid Price: $287,136.62
Work Started: Feb. 13, 1974

Feldman - Murphy General Contracting Co.
Billings, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Montana Tel. 846-3344
Contract Time: 200 Calendar Days
Completion Date:
June 21, 1976

Final Data is in Division Office but checking has not started. It is estimated the Final Data will be sent to Helena on December 10, 1976.

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2
Surfacing on Divide and Wisdom - Divide Roads
Aggregate Surfacing, Plant Mix
Bit. Surfacing and Signing
8.62 Miles
Silver Bow County
Contract Let: March 27, 1976
Bid Price: $2,098,291.50
Work Started: July 22, 1975

Empire Sand & Gravel., Inc.
Billings, Montana
Gene Campbell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 150 Working Days
Probable Completion Date:
October 20, 1976

Work the past period consisted of painting F RF project & completing the placing of R/W monuments. The contractor employed 2 men for 5-8 hour shifts. Project as a whole is 99% complete with 97% of the contract time elapsed. Construction layout as a whole is 100% complete with 1 Engineer and 2 Inspectors engaged.

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area,
Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram-Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days
Probable Completion Date:
October 15, 1976

Work the past period consisted of mulching and general cleanups. The contractor employed 1 man for 3-8 hour shifts. Project as a whole is 99% complete with 94% of the contract time elapsed. Construction layout as a whole is 100% complete with 1 Engineer engaged.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18. 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Work on Final Estimate is 50% complete in the Field Office. Estimated submittal date to Division Office is Dec. 15, 1976. It is estimated that Final Data will be sent to Helena on February 25, 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville-North
Grading, Aggregate Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
April 16, 1977

Work the past period consisted of conducting grading operations. The contractor employed 80 men for 18-9 hour shifts. Project as a whole is 65% complete with 43% of the contract time elapsed. Construction layout as a whole is 70% complete with 8 Engineers and 2 Inspectors engaged.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles

Western Sign Corp.,Lewis Constr.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-(31)207 Cont'd.
Silver Bow & Deer Lodge Counties
Contract Let: April 24, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Butte, Montana Tel. 792-9937
Contract Time: 150 Working Days
Probable Completion Date:
October 29, 1976

Work the past period consisted of erecting guardrail, and striping shoulder lines. The contractor employed 11 men for 10-8 hour shifts. Project as a whole is 92% complete with 92% of the contract time elapsed. Construction layout as a whole is 98% complete with 5 Inspectors engaged.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: October 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Butte, Mt. Tel. 494-3666
Contract Time: 230 Working Days
Probable Completion Date:
October 15, 1976

Progress during the past period was fair. Work consisted of: Sta. 29+00 (N.& S.B.) completing the finishing of all concrete; erecting the Br. Rail-Steel Type 5 & non-grinding high areas on the decks. Sta. 174+33.00 (N.& S.B.) same as Sta. 29+00. Sta. 273+00 (N.& S.B.) erecting Br. Rail-Steel Type 5. Work remaining on structures @ all stations consists of: Grinding high areas on decks, applying protective coat & painting final coat on bridge rail plus clean up. Percentage complete for the items are as follows: All items 100% complete with the exception of - Br. Rail-Steel Type 5, 90% & Protective Coat, 0%. The structures as a whole are 98% complete with 168 of the working days used or 73% of the contract time elapsed. During the past period the contr. (McEachern Const. Co.) worked 10-8 hour shifts with 5-men employed. Construction layout is 98% complete with a 1-man engineering crew engaged.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing
Plant Mix Bituminous Base,
Fencing and Signing
2.4 Miles
Jefferson County
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
William Bork, Manager
Field Project
Butte, Montana Tel. 494-5706
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area,
Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram-Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days
Probable Completion Date:
October 15, 1976

Work the past period consisted of mulching and general cleanups. The contractor employed 1 man for 3-8 hour shifts. Project as a whole is 99% complete with 94% of the contract time elapsed. Construction layout as a whole is 100% complete with 1 Engineer engaged.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18. 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Work on Final Estimate is 50% complete in the Field Office. Estimated submittal date to Division Office is Dec. 15, 1976. It is estimated that Final Data will be sent to Helena on February 25, 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville-North
Grading, Aggregate Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
April 16, 1977

Work the past period consisted of conducting grading operations. The contractor employed 80 men for 18-9 hour shifts. Project as a whole is 65% complete with 43% of the contract time elapsed. Construction layout as a whole is 70% complete with 8 Engineers and 2 Inspectors engaged.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles

Western Sign Corp.,Lewis Constr.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-(31)207 Cont'd.
Silver Bow & Deer Lodge Counties
Contract Let: April 24, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Butte, Montana Tel. 792-9937
Contract Time: 150 Working Days
Probable Completion Date:
October 29, 1976

Work the past period consisted of erecting guardrail, and striping shoulder lines. The contractor employed 11 men for 10-8 hour shifts. Project as a whole is 92% complete with 92% of the contract time elapsed. Construction layout as a whole is 98% complete with 5 Inspectors engaged.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: October 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Butte, Mt. Tel. 494-3666
Contract Time: 230 Working Days
Probable Completion Date:
October 15, 1976

Progress during the past period was fair. Work consisted of: Sta. 29+00 (N.& S.B.) completing the finishing of all concrete; erecting the Br. Rail-Steel Type 5 & non-grinding high areas on the decks. Sta. 174+33.00 (N.& S.B.) same as Sta. 29+00. Sta. 273+00 (N.& S.B.) erecting Br. Rail-Steel Type 5. Work remaining on structures @ all stations consists of: Grinding high areas on decks, applying protective coat & painting final coat on bridge rail plus clean up. Percentage complete for the items are as follows: All items 100% complete with the exception of - Br. Rail-Steel Type 5, 90% & Protective Coat, 0%. The structures as a whole are 98% complete with 168 of the working days used or 73% of the contract time elapsed. During the past period the contr. (McEachern Const. Co.) worked 10-8 hour shifts with 5-men employed. Construction layout is 98% complete with a 1-man engineering crew engaged.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing
Plant Mix Bituminous Base,
Fencing and Signing
2.4 Miles
Jefferson County
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
William Bork, Manager
Field Project
Butte, Montana Tel. 494-5706
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

I 15-3(26)140 Unit 1 Cont'd.
Work the past period consisted of removing old buildings, stripping topsoil, installing culverts and erecting fence. The contractor employed 22 men for 9-8 hour shifts. Project as a whole is 1% complete with 1% of the contract time elasped. Construction layout as a whole is 10% complete with 3 Engineers and 2 Inspectors engaged.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
June 30, 1977

Work the past period consisted of conducting grading operations and laying gravel. The contractor employed 36 men for 10-9 hours shifts. Project as a whole is 49% complete with 68% of the contract time elapsed. Construction layout as a whole is 81% complete with 2 Engineers and 4 Inspectors engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal and Cover
10.160 Miles
Beaverhead County
Contract Let: June 29, 1976
Bid Price: $1,609,681.60
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
William C. Birkenbuel, Manager
Field Project
Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

Work the past period consisted of crushing gravel, installing culverts and conducting grading operations. The contractor employed 51 men for 12-10 hour shifts. Project as a whole is 30% complete with 24% of the contract time elapsed. Construction layout as a whole is 96% complete with 3 Engineers and 7 Inspectors engaged.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Butte, Montana Tel. 494-4172
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Montana
Contract Time: 260 Working Days
Probable Completion Date:
September 15, 1977

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1 Cont'd.

Road

Work the past period consisted of installing culverts and hauling borrow. The contractors employed 48 men for 10-8 hour shifts. Project as a whole is 9% complete with 19% of the contract time elapsed. Construction layout as a whole is 63% complete with 16 Engineers and 2 Inspectors engaged.

Bridges

Progress during the past period was good. Work consisted of: Sta. 842+26.32 (W.B.) placing concrete, stripping, finishing & curing Bt. No. 2 footings & columns & tieing up Bt. No. 3 Beam Reinf. Steel. (E.B.) sheeting & bracing for Bt. No. 2 footing excavation; backfilling & forming on beam Bt. No. 3; tieing up Reinf. Steel for Bt. No. 2 footing & column. Sta. 1049+68.60 (E.&W.B.) preparing to excavate & drive test pile Abut. No. 1; excavating for footings, drove test pile & prebored for service pile Abut. No. 4. Sta. 1150+10.00 (E.&W.B.) preboring, drove service pile, placing concrete, stripping, finishing & curing footings, columns & crossbeams Bt. No. 1; placing concrete, stripping, finishing & curing cross beams Bt. No. 5; erecting prestressed beams Span No. 2 & No. 3; preparing to erect prestressed beams Span No. 4. Percentage complete for the items are as follows: Conc. Cl.AD,22%; Struct. Excav. Type 1, 64%; Test Pile T.T., 61%; Furn. T.T. Pile, 70%; Drive T.T. Pile, 77%; Pile-Prebore holes, 52% & Reinf. Steel, 12%. The structures as a whole are 16% complete. During the past period the sub contr. (McIntyre & Birch) worked 10-8 hour shifts with 26 men employed. Construction layout is 29% complete with a 5-man engineering crew assigned.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Ray G. Masters, Manager
Field Project (Road)
Deer Lodge, Montana Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
October 14, 1977

Road

Work the past period consisted of installing culverts, fencing, and conducting grading operations. Contractor employed 30 men for 18-8 hour shifts. Project as a whole is 14% complete with 26% of the contract time elapsed. Construction layout as a whole is 90% complete with 6 Engineers and 3 Inspectors engaged.

Bridges

Beckhill Interchange Structure at Sta. 338+00.00: No Work.

Junior Grade Separation at Sta. 386+49.1: Progress during the past two weeks was fair. Structure Excavation for Abutments No. 1 and No. 2 wing footings, wall footings, and struts. Started forming Abutment No. 2 wall footing. Percentages complete for the structural items are as follows: Structure Excavation 47%. The contractor worked six (6) eight (8) hour shifts employing an average of four (4) men.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen - East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project I IG 90-4(26)194 U2 and the construction of a 121.5' prestressed concrete girder on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: November 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Probable Completion Date:
November 30, 1976

Progress was fair the past two weeks.
Strucutre at Galen Interchange Sta. 939+75.20: Began decking operations on West-Bound Structure. Finishing concrete on West-Bound Structure.
Structure at Lost Creek Sta. 1012+20.00: Began driving for shoring and crib.
Structure at Willow Creek Sta. 1355+38.00: Channel Change Excavation and Back-filling Abutment Walls.
Structure at Clark Fork River Sta. 1370+07.00: Tied steel and placed concrete at Cross-beam Bent No. 2 E.B. Decked, tied steel and placed concrete at West-Bound Structure Deck Slab.
Percentages complete for items are as follows. Unclassified Channel Excavation 52%, Structure Excavation 75%, Reinforcing Steel 53%, Class AD Concrete 64%, Structural Steel 20%, Shoring and Crib 68%, Filter Material 20%, Gravel Blanket 20%, Class II Rip Rap 35%, Mobilization 60%, Prestressed Beams Type A 50%, Prestressed Beams Type A 60 Ft. 50%, Prestressed Beams Type 4-85 Ft. 50%. The Project as a whole is 57% complete with 60% of the contract time elapsed. The contractor worked ten (10) eight (8) hour shifts employing an average of sixteen (16) men.

I 90-5(29)233
Homestake Pass Rest Area
Construction of a Dual Rest ARea,
Landscaping and remodeling
Existing Picnic Shelters
Jefferson County
Contract Let: August 15, 1974
Bid Price: $388,952.00
Work Started: September 12, 1974

Ingram-Clevenger, Inc.
Helena, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract time: 110 Working Days
Probable Completion Date:
October 15, 1976

All that remains on this project is Final Inspection of plants and shrubbery.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Probable Completion Date:
November 12, 1976

RF 171(17) & RS 167(10) Cont'd.
Work the past period consisted of hauling and laying gravel laying plant mix and conducting grading operations. The contractor employed 33 men for 10-8 hour shifts. Project as a whole is 87% complete with 50% of the contract time elapsed. Construction layout as a whole is 90% complete with 3 Engineers and 3 Inspectors engaged.

FF 214(8)
Signalizing of the intersections of 11th Ave. and Sanders St., 11th Ave. & Lamborn St., Prospect Ave. and Sander St. and Prospect Ave. & Lamborn St. In Helena
0.00 Miles
Lewis & Clark County
Contract Let: December 18, 1975
Bid Price: $105,853.28
Work Started: May 17, 1976

Signal Electrical Inc.
Kent, Washington
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 60 Working Days
Probable Completion Date:
November 1, 1977

Work the past period consisted of conducting various construction activities. Contractor employed 3 men for 4-8 hour shifts. Project as a whole is 60% complete with 63% of the contract time elapsed. Construction layout as a whole is 90% complete with 3 Engineers and 1 Inspector engaged.

FF 401(3)
Intersection of Montana Ave. and Billings Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Not Started

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Montana Tel. 442-9762
Contract Time: 45 Working Days
Probable Completion Date:
November 19, 1976

Preconstruction Conference was held Sept. 17, 1976.

M 1803(2)
Harrison Ave. and Amherst St. - Butte
Signal Modification, Signing and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 29, 1976
Bid Price: $30,854.50
Work Not Started

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Montana Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
November 26, 1976

Preconstruction Conference was held July 20, 1976.

CONSTRUCTION

M 5805(1)
Signal Modification of various
intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Not Started

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Montana Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
November 12, 1976

Preconstruction Conference was held June 11, 1976.

Richard B. Dundas, P.E. Supervisor
Division Construction Section-Butte

RBD/GBH/MJJ/cu

Box 1110
Bozeman, Montana 59715

October 1, 1976

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and pre-construction operations in the Bozeman Division for the two-week period ending October 1, 1976. For the most part the weather has been favorable for construction activities. Some rain showers were experienced over the weekend and the temperatures ranged between 32 and 79 degrees.

P R E C O N S T R U C T I O N

F 9 (6) Truck Escape Route — Engineer Unassigned
Virginia City-Ennis
Length - 0.530 Mile

All information requested from the field has been transmitted to Helena.

RF 20 (4) US 191 Spur — Roger E. Blossom, PE, FPM
Approx. Length - 6.7 Miles — Phone: 586-5074 Bozeman

One man has been working in the office laying out tentative grades and alignment for this location survey.

RF 20 (5) US 191 Big Sky Spur — Engineer Unassigned
Length - 3.0 Miles
Gravel Surf., Pl. Mix Surf.

There was no work on this project during the past period.

FH 42-3 (2) — Roger E. Blossom, PE, FPM
Slide Near Karsts — Phone: 586-5074 Bozeman
Gallatin County

All information requested from the field has been transmitted to Helena.

F 60 (15)
Clyde Park - N & S

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

With the exception of Item #2 on the June 30 plan-in-hand report, all information requested from the field to date has been transmitted to Helena.

ROS 76 (10)
US 191 Gallatin Canyon Safety
Partial Survey for Future Safety Upgrade

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

I 90-6 ( ) 315
Bozeman Pass - West
Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7 (17) 350
Springdale - Big Timber
Length - 13.477 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

I 90-7 (18) 364
Big Timber - Greycliff
Length - 10.814 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All information requested from the field has been submitted to Helena.

I 90-7 (21) 339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been submitted to Helena.

I 90-7 (36) 321 U-2
Bozeman Pass - East
Rest Area & Sand House

Engineer Unassigned

No information has been requested from the field to date.

I 90-7 (40) 332 — Engineer Unassigned
Snow Fence
Approx. Length - 5.0 Miles

A preliminary field review will be held on October 6, 1976.

RF 171 (16) — Engineer Unassigned
Norris Hill
Length 9.0 Miles

The location survey authorized September 3, 1976 has not been started.

U 203 ( ) Signals — Engineer Unassigned
Intersection Main & Third - Bozeman

No information requested from the field to date.

F 244 (15) — Martin J. Kolence, FPM
Raynolds Pass - Ennis — Phone: 586-4186 Bozeman
Length - 11.0 Miles

All requested information has been transmitted to Helena.

S 276 (1) — Ronald T. Hoyem, FPM
Big Timber - North & East — Phone: 932-3272 Big Timber
Approx. Length - 9.0 Miles — Estimated Date of Completion: 5-1-77
Survey Started: 5-28-74

There was no work on this location survey during the past period, and it remains approximately 39% complete.

HHS 370 (26) — William F. Nimmons, FPM
Bridger Canyon — Phone: 586-5074 Bozeman
Approx. Length - 1.8 Miles

All data requested has been transmitted to Helena.

RS 463 (1) — William F. Nimmons, FPM
Springdale - Hunters Hot Springs — Phone: 586-5074 Bozeman
Approx. Length 2.2 Miles — Estimated Date of Completion: 3-30-77
Preliminary Survey

The requested preliminary survey has not been started.

M 1201 (1)
North 19th - Bozeman
Approx. Length - 0.4 Miles
Survey Started: 1-15-75

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested to date has been transmitted to Helena.

M 1202 (1)
Oak St. - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman

All information requested to date has been transmitted to Helena.

M 1212 (1)
Kagy Lane - Bozeman
Approx. Length - 1.1 Miles
Survey Started: 7-26-76

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Date of Completion: 10-30-76

A four-man survey crew completed the field work for the hydraulic situation survey on the three stream crossings. They are now picking up the location of the various utilities on this project. One man has also been plotting on the hard shell. The actual field work for this location survey is now approximately 95% complete.

ROS 4144 (52)
Manhattan - Bridge End Protection
(Statewide)

Engineer Unassigned

All information requested has been submitted to Helena.

SRS 4148 (52)
BN, Inc. Signals-Off-System
Oregon St. - Belgrade
Northwest of Springdale

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested information has been submitted to Helena.

C O N S T R U C T I O N

S 28 (14)
McLeod-Big Timber
Structures and Approaches
Length - 0.905 Mile
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started: 6-27-75

Cop Construction Company
Billings, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion Date: 10-22-76

Progress has been poor with the contractor employing seven men and working five 9-hour shifts. The contractor started the application of the seal coat on September 16 and completed same on September 24. Work remaining on this project consists of seeding, fertilization, installation of one sign (by Change Order), miscellaneous cleanup work, and reclamation of two gravel pits. A five-man engineering crew is assigned to this project which is 99% complete with 104% of the contract time elapsed. The contractor is currently eight days overtime.

RF 45 (13) Safety
Big Timber - North
Conc. Barrier Rail & Drainage
Length - 0.0 Miles
Contract Awarded: 3-31-76
Contract Amount: $21,838.00
Proceed Order Date: 4-22-76
Work Started: 5-3-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 30 Working Days
Completion Date: 7-7-76

The final estimate and supporting data were sent to Helena on September 21, 1976. This will be the last report for this project.

I 90-6 (30) 309, I 90-6(36) 315 U-2
I 90-7 (38) 318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East(West Section)
Grade, Agg. Surf.,Pl. Mix Base, Struct.
Length: 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: ?

Progress has been fair with the contractor employing 66 men and working 20 eight-hour shifts. During the past two weeks, the contractor completed 100,000 cubic yards of unclassified excavation, bringing this item to 16% complete. Materials from the cut between Stations 118+00 and 128+00 are being placed between Stations 50+00 and 55+50. Excavation from between Stations 143+00 and 152+00 is being placed in the frontage road between Stations 166+00 and 181+00. Materials from the cut between Stations 200+00 and 209+00 are being placed in the frontage road between Stations 188+00 and 224+00. Excavation from the cut between Stations 214+00 and 216+00 is being placed between Stations 217+00 and 219+00. Material from the cut between Station 232+00 and 235+00 is being placed in the frontage road at Station 241+00. Material being removed from between Sta. 264+00 and 268+00 is being placed between Sta. 251+00 and 263+00. The excavation from the cut area from Sta 283+00 to 288+00 is being placed in the fill area between Sta. 274+00 and 278+00. The concrete headwalls for the culvert at Sta. 50+75 were completed using 2.8 cubic yards of Cl. "DD" concrete.

Two hundred eighty-nine lineal feet of 8" CSP Underdrain was placed during the past two weeks bringing this item to 12% complete. The fencing sub-contractor is erecting fence at various locations throughout the project. A fourteen-man engineering crew is currently assigned to this project which is 11% complete with 22% of the contract time elapsed. The contractor has 234 working days of contract time remaining.

I 90-6 (36) 315 U-1
Bozeman Pass - West
Dual 128.0' Prestressed Concrete Girder Overpass & Approaches
Length - 0.584 Mile
Contract Awarded: 6-30-75
Contract Amount: $770,510.35
Proceed Order Date: 7-22-75
Work Started: 7-16-75

McEachern Construction Company
Butte, Montana
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 180 Working Days
Probable Completion Date: 11-1-76

Progress has been good with the contractor employing five men. The past two weeks were spent finishing the caps and columns; grinding high spots on decks; painting guard angles, beam shoes and bridge rails; and miscellaneous cleanup work. One man is assigned inspection duties on this project which is 94% complete with 81% of the contract time elapsed. The contractor has 35 working days of contract time remaining.

I 90-7 (36) 321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
Larry O. Williams, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 7-1-77

Progress has been fair with the contractor employing between 40 and 60 men and working seven 8-hour and three 9-hour shifts. The contractor has been excavating in the Miles Borrow Area and placing this material in the fill between Sta. 326+00 and 338+00. Thirty-one thousand five hundred cubic yards of unclassified borrow were moved bringing this item to 53% complete. Finishing and topsoiling have been in progress between Sta. 375+00 and 440+00 on the westbound lane. The contractor has been finishing the 1½" Base Gravel to blue tops between Sta. 505+00 and 604+00 on the westbound. Four thousand two hundred twenty tons of 3" Base Course were placed bringing this item to 38% complete. Twenty-six hundred tons of 1½" Base Course were also placed bringing this item to 33% complete. A fifteen-man engineering crew is assigned to this project which is 70% complete with 49% of the contract time elapsed. The contractor has 130 working days of contract time remaining.

HHS 127 (12)
Big Timber - Columbus
Pl. Mix Seal Skid Corr. & Guardrail (Safety)
Contract Awarded: 5-17-76
Contract Amount: $120,557.65
Proceed Order Date: 7-7-76
Work Started: 6-26-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 45 Working Days
Probable Completion: 10-22-76

There was no work on this project during the past period, and it remains 99% complete with 71% of the contract time elapsed. Only the seeding and fertilization items remain for completion of this project. A five-man engineering crew is currently assigned to this job. The contractor has 17 working days of contract time remaining for completion of all work.

M 1206 (2) U-2
Traffic Control Devices
Babcock & Mendenhall - Bozeman
Contract Awarded: 5-3-76
Contract Amount: $64,638.00
Proceed Order Date: 5-24-76
Work Started: 5-24-76

Midland Electric
Billings, Montana
Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman
Contract Time: 45 Working Days
Completion Date: 9-10-76

One man has been compiling the final estimate and supporting data. This work is approximately 75% complete with an estimated date of submittal to the Division Office of December 10, 1976.

Respectfully submitted,

Edward J. Lisac for RCH
Richard C. Holmes, PE, Supervisor
Division Construction Section
Bozeman, Montana

RCH:EJR:wb

cc: Gary A. Gilmore, PE, Division Traffic Engineer - Butte
Bozeman Division Office

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
SEPTEMBER 30, 1976

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report Covering work accomplished in Division 3130 during the period September 17, 1976 thru September 30, 1976.

GENERAL

Weather has been clear to overcast with temperatures ranging from 40^{0} to 75^{0}, with little to no delay in progress.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls Airport Access Rd.
Length: 0.7 miles - Cascade Co.
Design Started: June 2, 1975

R. Fransen - Designer II
Great FAlls - Phone #452-2361
Prob. Comp. Date: June 31, 1977

No work during this reporting period. Design is 46% complete.

F 64 (15) - Great FAlls East
Location Survey
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great FAlls - Phone #452-2361
Comp. Date: July 31, 1977

Design commenced on Sept. 7, 1976, the proposed construction of 9.5 miles from 10th Avenue South at 56th Street to Mehmke Hill. One man worked 9 days checking field data, laying Preliminary grade & writing Planning Report. Design is 3% complete.

RS 77(7) - Cascade - Ulm Loop
Location Survey
Length 26.5 miles
Survey Started: January 12, 1976

F. Robinson - Mgr. F.P.U.
Great FAlls - Phone #453-2573
Prob. Comp. Date: Dec. 31, 1976

6 man days were used during this reporting period, Checking Notes and Plotting Hardshell. The survey is 26.5% complete with 687 man days used to date.

S 134 (1) - Farmington - Agawam
Length: 12.3 miles - Teton Co.
Design Started: June 21, 1971

R. Fransen - Designer II
Great FAlls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

2 men worked 20 days preparing Final design, which is now 62% complete.

Department of Highways

September 30, 1976

M 5201 ( ) Part II - 6th St., Gt. Falls
Length: 0.9 miles - Cascade Co.
Design Started: Sept. 26, 1972

Wenzel & Co. - Consultants
Great FAlls - Phone #453-5478
Prob. Comp. Date: March 31, 1977

Station 40 + 65 to 68 + 00 September 10, 1976, Final Design Study Report was submitted to D.O.H., Helena. September 22, 1976, Signing P.I.H. was held D.O.H., Great Falls. Approval to proceed with Final Plans was received from D.O.H. September 29, 1976. Design is now 72% complete.

M 5201 ( ) Part III - 6th St., Gt. Falls
Length: Unknown

Wenzel & Co. - Consultants
Great FAlls - Phone #453-5478
Prob. Comp. Date: Unknown

68 + 00 To Central Ave. West, Route Location Study Report On September 7, 1976, the contract with Wenzel & Company was withdrawn. On September 10th Wenzel's submitted the Final Design study report to the Helena Office.

RS 348 (18) - 5 miles South of Fort Benton South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson, Mgr. - F.P.U.
Great Falls - Phone #453-2573

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

CONSTRUCTION

I 15-3(28) 168 & I 15-5(48) 182
Traffic Control Devices and Guard Rail Revisions
Jefferson & Lewis & Clark County
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Inc., Contractor
Spokane, Washington
Walt Smith, Mgr.
Craig Office - Phone 235-4364
Great FAlls - Phone #453-2573
Comp. Time: 150 Working Days

Progress has been fair. Contractor is working 8 hour shifts revising Bridge Guard Rail, signing crew began excavating for sign poles. Bozeman Sand & Gravel is working 8 hour shifts placing shoulder widening gravel and plant mix. Items and percent complete are: Top Surfacing Type A Gr 2, 25%; Plant Mix Bit Surf. Gr. C, 3%; Revise Bridge Guard Rail, 11% and Guard Rail Steel/Wood, 54%. The project as a whole is 20% complete with 33% of the contract time elapsed. Construction layout is 75% complete with a 6 man engineering crew engaged in layout, testing, inspection and notes. Intermittent single lane closures Helena Hill to the Gates of the Mountain Interchange and at Interchange structures Helena to Augusta.

Department of Highways

September 30, 1976

I 15-5(50) 239 U-3
Cascade No. & So.
3 Structures & Approaches on add 2 Lane
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan Mgr. - F.P.U.
D. Moore Mgr. - F.P.U.
Comp. Time: 150 Working Days
Prob. Comp. Date: July 1977

Structures - Progress was fair. The contractor has been building forms, placing concrete finishing concrete and backfilling. Structure at 1842: Bents 2 and 3 are complete. Structure at 2095: Bents 2 and 3 are complete thru the columns. Caps are being worked on now. Structure at 301: No work has been done. Contractor has 6 men employed working 1-8 hour shifts. The project as a whole is 8% complete. Construction layout is 50% complete with a 2 man engineering crew engaged inlayout, inspection, testing and notes.
Approaches - Progress has been fair. Sub-contractor, Kraus Construction has to date moved 15,000 Cu.Yds. of Uncl. Ex. This material being placed as approach embankment Station 2095± also approach embankment and detour embankment Station 310±. Contractor also installing 24 RCP pipe in these two areas. Items and percent complete are: Unc. EXc., 8%; RCP 24 In. Class 2, 19% and RCP 24 In. Class 3, 100%. The project as a whole is 10% complete with 23% of the contract time elapsed. Construction layout is 99% complete with a 5 man engineering crew engaged in layout, inspection, testing and notes. Contractor's Hauling Equipment Crossing Interstate at Station 300+80.5, Flagmen are being used to control the traffic between 8:00 A.M. and 4:30 P.M.

BRF - TQX 218 (18)
Repair Fire Damage on
S. B. Bridge - Sun River - Gt. Falls
Cascade County
Contract Award: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P. O. Box 1242
Missoula, Montana 59801
T. Tomich Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working Days
Prob. Comp. Date: Dec. 4, 1976

Progress has been fair. Work bridge is now complete. Concrete has been removed from between Spans 2,3, & 4. The removal of beams is now in progress. Items and percent complete are: Detour & Maint., 85%; Work Bridge, 85% and Repair Structure, 40%. The project as a whole is 38% complete with 19% of the contract time elapsed. Construction layout is 30% complete with a 2 man engineering crew engaged in layout, inspection, testing and notes. Detour opened September 7, 1976 it is 1 mile in length from Station 577+ to 604+, it is in good condition.

Department of Hihgways

September 30, 1976

I 15-6(15) 297 U-1 - Dutton - No. & So.
5.494 miles, Grade, Aggr. Surf., Plant Mix, Signing and Fencing
Teton County
Contract Awarded: March 26, 1974
Amount of Contract: $2,743,068.92
Work Started: June 19, 1974

Schultz & Meyer Construction Co.
Billings, Montana 59101
T. Hammerbacker, Mgr. - F.P.U.
Dutton - Phone #476-3472
Comp. Time: 360 Calendar Days
Prob. Comp. Date: Oct. 20, 1976

Progress has been poor. The Prime Contractor started preparations for Seeding on September 17, 1976, with 2 men employed, worked 2-8 hour shifts repairing equipment and 6-8 hour shifts drill seeding, fertilizing and conditioning 23 acres Station 460 to Station 580 lt. side. The fencing subcontractor plans to return by October 1, 1976. Items and percent complete are: Seeding, 81%; Fertilizing, 82% and Condition Seedbed Surf., 29%. The project as a whole is 98% complete with 84% of the contract time elapsed. Construction layout is 99% complete with a 5 man engineering crew engaged in remeasure, inspection and compiling notes.

I 15-6(20) 304 - Teton River - N. & S.(S.Sect.)
4.3 miles Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started April 1, 1976

Hilde Maronich Const. Co.(JV) Contr.
East Helena, Montana
H. Strong & S. Newton, Mgr.-F.P.U.(Road)
D. Harrison Bridge Insp. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: July 30, 1977

Roadway - Progress has been good. Contractor is moving Uncl. Exc. Station 700 to 882, finishing to bluetops and installing R.C.P. Culverts. Equipment, other than finishing unit, moved off project September 27, 1976. Items and percent complete are: Uncl. Exc., 95% and R.C.P. Culverts, 90%. The project as a whole is 45% complete with 26% of the contract time elapsed. Construction layout is 77% complete with a 7 man engineering crew engaged in layout, blue topping, testing and notes.
Structures - Progress has been good. Contractor has been forming deck, pouring caps, backwalls and diaphraghms, tieing re-steel for decks and setting pre-stressed beams. Teton River Structures contractor completed forming N.B. deck and 95% of the reinforcing steel placed and tied, backwalls are poured and some diaphraghms. S.B. deck about 50% formed. The contractor plans to pour Span No. 3 N.B. deck October 5, 1976, Span No. 2 and No. 1 N.B. deck October 6, 1976 and Span No. 5 and No. 4 N.B. deck October 7, 1976. Separation Station 788 contractor completed pouring caps, substructure now complete except some concrete finishing and clean-up. Eight 40 foot prestressed beams to be set today and ten 105 foot prestressed beams to be set next week. Contractor employed 25 to 33 persons, 1-8 hour shift. The project as a whole is 63% complete. Construction layout is 85% complete with a 4 man engineering crew engaged in layout, inspection , testing and notes.

Department of Highways

September 30, 1976

I 15-6(16) 308 - Teton River - N.&S.(N.Sect.)
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit.
BAse; Pl. Mix Bit. Surf.; Signing;
Prestressed Conc. Grider Gr. Separation
Teton County
Contract Awarded: July 28, 1975
Contract Amount: $2,070,763.97
Work Started: September 9, 1975

Hilde & Maronick Const. Co., (JV)Contr.
East Helena, Montana
H. Strong & S. Newton, Mgr. - F.P.U.(Road)
T. Tomich, Mgr. - F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 180 Working Days
Prob. Comp. Date: July 30, 1977

Roadway - Progress has been good. Contractor produced and placed 1-½" CBS onto N.B. and S.B. and Ramps also produced into stockpile 3/4" CTS, shoulder gravel and ramp cushion. Items and percent complete are: 1-½" C.B.S., 100%. The project as a whole is 68% complete with 65% of the contract time elapsed. Construction layout is 80% complete with a 10 man engineering crew engaged in layout, testing, inspection and notes.
Structure - Progress has been good. Contractor has been forming deck and started placing re-steel for deck September 27, 1976, poured the backwalls and diaphraghms completed the slope protection. Plans are to pour deck October 13, 1976. Contractor employed 10 to 21 persons 1-8 hour shift. The project as a whole is 70% complete. Construction layout is 90% complete with a 4 man engineering crew engaged in layout,testing, inspection and notes.

I 15-6(14) 311 & I 15-7(11) 312
Pershing South and Brady - N. & S.
11.5 miles Gr., Agg. Surf., Pl. Mix Bit.
Base, Pl. Mix Bit. Surf., Lengthen 2
Add two Lane - Teton & Pondera Co.
Contract Awarded: JUne 5, 1975
Contract Amount: $3,754,385.95
Work Started: July 16, 1975

Hilde & Maronick Const. Co.(JV), Contr.
East Helena, Montana
S. Newton, Mgr. - F.P.U. (Road)
K. Minehan, Mgr. - F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 240 Working Days
Prob. Comp. Date: July 30, 1977

Road - Progress has been good. Contractor is moving Uncl. Exc. from Station 2280 to Station 2295 removing transition 2 lanes to 4 lanes of constr. temp. transition, finishing to bluetops, produced and placed 1½" PMBB Station 1944+ to Station 2270+ 1st. and 2nd lifts and crusher produced into stockpile 1½" CBS shoulder gravel: 3-9 hour shifts. Items and percent complete are; Uncl. Exc., 99% and Plant Mix Bit Base, 61%. The project as a whole is 75% complete with 70% of the contract time elapsed. Construction layout is 95% complete with a 8 man engineering crew engaged in layout, inspection, testing and notes. P.T.W. in good condition and temp. transition, 2 lane to 4 lane Station 2295 is 700' long and in good condition.
Structures - No work during this period. Work remaining, clean-up of work yard and other clean-up. The project as a whole is 99% complete. Construction layout is 100% complete.

Department of Highways

September 30, 1976

RS 91 (6) & RS 329 (6)
Stockett - Gt. Falls Road and
Great Falls - Eden Road
18.3 miles Plant Mix Overlay
Cascade County
Contract Amount: $698,004.00
Contract Awarded: July 19, 1974
Work Started: September 18, 1974

Baltrusch Construction Co., Contr.
Havre, Montana 59501
F. Robinson, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 90 working Days
Comp. Date: May 6, 1976

Final Estimate submitted to Division Office on June 16, 1976 and will be submitted to Helena Office on or about October 5, 1976.

HHS 388 (18)
Install Fail Safe Units
Intersection of Fox Farm Road-
6th St. S.W. with 10th Ave. South
Great Falls
Force Account Amount - $1200.00

City of Great Falls
F. Robinson, Mgr. F.P.U.
Great Falls - Phone #453-2573
Completed: Sept. 17, 1976

Work began September 15, 1976 and was completed September 17, 1976. Final estimate and supporting data will be submitted to Division Office on or about October 15, 1976.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction, Inc., Contr.
East Helena, Montana
Glen Enderson, Mgr. F.P.U.
Phone #278-5412
P. O. Box 1301
Conrad, Montana
Comp. Time: 110 working Days

Progress has been good. Contractor is installing drainage system drop inlets also grading and gravel within urban area from Station 7+60 to 49+00. In Rural portions grading and gravel operations from Stations 65+00 to 135+00. Contractor plans to begin curb and gutter work from 34+00 to 49+00 on or about October 4, 1976. Items and percent complete are: Uncl. Exc., 98%; Exc. - Street, 86%; Sel.Surf. 2 IN GR. 4, 54%; Exc. Trench, 54% and Inlet-Std. Drop Type I, 91%. The project as a whole is 39% complete with 41% of the contract time elapsed. Construction layout is 75% complete with a 6 man engineering crew engaged in layout, testing, inspection and notes. Traffic is being detoured at Maryland Street Station 7+60 North and connection with Sunset Blvd. and refoining the Project at Station 49+00.

Department of Highways

September 30, 1976

SMP 2599-76
Stockpile Gravel Various Roads
Cascade, Lewis & Clark & Teton Co.
Contract Awarded: Jan. 23, 1976
Contract Amount: $113,775.00
Work Started: March 16, 1976

James Kraus Contractor
Great Falls, Montana
Dale Moore - Mgr. - F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 75 Working Days
Comp. Date: June 16, 1976

All work was completed June 16, 1976. Final was submitted to Division Office June 23, 1976 and was submitted to Helena on October 5, 1976.

James T. Sullivan - P.E. -
Supvr. - Division Construction Section

JTS/MRB/ac

Progress Report
Division 3230

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

October 1, 1976

CONSTRUCTION BUREAU

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending October 1, 1976.

GENERAL

The weather this past reporting period has been favorable for construction. The temperatures have ranged from +30° to +90°.

PRECONSTRUCTION

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 mandays used to date.

HHS-95 (19)
U. S. #2 East of Havre
0.3 miles, Hill County

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

One man worked one manday making P.I.H. changes in design for a total of 20 mandays used to date. Design as a whole is 35% complete.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Design as a whole remains 46% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey during this reporting period. Centerline and bench levels are 100% complete, topography is 90% complete, check levels and cross-sections are 17% complete. The location as a whole is 34% complete. The location was suspended on March 29, 1976 due to working on other projects.

CONSTRUCTION

RS-12 (19) Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Harlem, Montana
Telephone No. 353-2341
Contract Time: 140 working days
Probable Completion Date: 6/10/77

Progress has been good. Subcontractor, Rehbein Construction Co., employed an average of 15 men on ten 10 hour shifts. Moving unclassified excavation between Stations 1283+ and 1385+. Moved approximately 35,000 cu. yds. for a total to date of 166,000 cu. yds. or 95% complete. Unclassified excavation is complete with the exception of finishing to blue tops. Drainage items are approximately 95% complete. Prime contractor, Gus M. Albert, employed 11 to 13 men on 8-10 hour and 2-5 hour shifts. Completed stockpile for plant mix base on 9/20/76. Began Producing and placing 1½" cr. base surf. on 9/21/76. 17,091 tons have been produced and hauled to the road for 28% complete. No work by fencing subcontractor. The project as a whole is 35% complete with 42% of the contract time elapsed. An average of 9 engineering employees are on the project.

U-95 (17) Gildford-Havre-East
U.S. 2 - Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.33
Work Started: 4/5/76

Baltrusch Construction Co., and
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77

Progress has been fair. The prime contractor worked twelve 8 hour shifts with up to 40 men employed. There was no street excavation this reporting period. This item is 71% complete. The contractor placed 4,800 tons of crushed base on all open subgrade areas, thus connecting all the separated roadway construction areas on the project with one or more lifts of gravel making this item 74% complete. 600 tons of 3/4" top surface was placed from Sta. 518+50 to 526+50 and the same area primed making each of these items 60% complete. Lift 1 of 2 Type 3 plant mix was placed from Sta. 512+97 to 521+06 making this item 25% complete. The curb and sidewalk construction has been fair. The curbs are 65% complete and the sidewalks are 30% complete to date. The subcontractor, Lockrem Construction Co., has been installing drop inlets

and 12" R.C.P. The drainage mainline is complete and the drainage structures as a whole are 92% complete. The project as a whole is 50% complete with 64% of the contract time elapsed. A nine man engineering crew is assigned to inspection and construction layout.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Probable Completion Date: 10/15/76

Progress has been good. The contractor worked ten 9 hour shifts on plant mix operations with up to 53 people employed. Produced 26,061 tons of 1½" plant mix base for a total of 42,301 tons making this item 100% complete. Produced and placed 12,827 tons of Type 3 plant mix surfacing making this item 53% complete. Hauled and placed 2,502 tons of 1½" crushed base course for a total of 107,162 tons making this item 100% complete. Western Sign Company, subcontractor, arrived on project on Sept. 27th and completed all signing and delineation on Sept. 28, 1976. The project as a whole is 85% complete with 94% of the contract time elapsed. A 5-10 man engineering crew testing, weighing and inspecting contractors operations.

RF-62 (14), & RF-132 (14)
Shelby-Chester, Chester-West
5.36 mile grade, aggr. surf.
Surf., storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77

Progress has been fair. The contractors worked ten 8 hour shifts with up to 20 men employed. Unclassified excavation and related items are complete except for final finishing and cleanup. 1½" C.B.S. is 97% complete and prime coat is 50% complete. Drainage items are 100% complete. Curb and gutter is 95% complete. The project as a whole is 66% complete with 51% of the contract time elapsed. A five to ten man engineering crew is working on inspection and layout.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/29/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77

STRUCTURES:
Progress as a whole has been good. The subcontractor, Sletten Construction Co., worked ten 8 hour shifts with up to 6 men employed. The columns Bent No. 2 have been poured at Sta. 1419 (Sunburst Inter.). Bumper walls Bent No. 3 & No. 4 at Sta. 1439 (Railroad Structure) have been poured as well as the Columns on Bent No. 3. No work on the McVey Interchange at Sta. 1644. The subcontract as a whole is 15% complete. A 2-3 man engineering crew has been engaged in inspection on this and other projects.

ROADWAY:
Subcontractor, Clark & Son, worked six 9 hr. shifts, employing 4 men. Set panels and reset 187 rods of fence, for a total of 2,008 rods reset to date. Fencing items as a whole is 61% complete. Subcontractor moved off project September 23, 1976. The contract as a whole is 3% complete with 28% of the contract time elapsed. A two man engineering crew worked 10 days inspecting contractors operations and construction layout. Construction layout as a whole is approximately 86% complete.
UTILITY REVISIONS:
Marias River Electric did not work this reporting period. Revisions remain approximately 90% complete. Northern Telephone Co-op did not work this reporting period. Their revisions were completed July 7, 1976, however, Mr. Lloyd Lanius, Manager, stated he will redo their revisions as communications trouble has been encountered. Burlington Northern RR completed installation of their revisions July 29, 1976. These revisions will be removed and changed after construction is completed.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co.,Inc. (JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 250 working days
Probable Completion Date: 11/15/76

Progress has been fair. The prime contractor worked two 9 hour shifts per day on embankment and one 9 hr. shift per day on culverts and gravel. Up to 40 men are employed. Started excavating and placing embankment on Sept. 23rd. 30,100 cu. yds. excavated and placed between Station 316+00 and 389+00. 2,111,200 cu. yds. moved to date or 97% complete. Started placing 1½" CBS and 3/4" CTS on Sept. 21st. Placed 13,557 tons of 1½" and 890 tons of 3/4". 36,114 tons of 1½" and 17,135 tons of 3/4" have been placed to date. The surfacing as a whole is 75% complete. The subcontractor, Swan and Son, installed 842 rods of fence. The fencing as a whole is 45% complete. Employed up to six men on 1-8 hour shift per day. Moved off the project on September 24th. Ten men are inspecting the contractor's operations and blue topping. The project as a whole is 83% complete with 78% of the contract time elapsed.
STRUCTURES:
Progress has been good. The subcontractor, McIntyre Construction Co., and S. Burch, Inc., worked nine 10 hour and one 9 hour shifts with up to 8 men employed. Concrete has been poured on all substructure, backwalls and diaphragms. Deck forming is about complete, the contractor plans on placing deck steel and pouring the deck 10/7/76 weather permitting. The structure as a whole is 70% complete. A two to three man engineering crew has been engaged in project inspection on this and other projects.

I-15-8 (28) 343 U-2
Toole County Line-North
1-Prestressed conc. Girder underpass
& dual prestressed overpass
Contract Let : 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Completion Date: 9/1/76

There has been no work on the Final Estimate at this time. Work will be accomplished as time provides.

I-15-8 (28) 343 Unit 3
Toole County Line - North
Dual 481.5' prestressed Conc.
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 235 working days
Probable Completion Date: 10/31/76

Progress has been good. The contractor worked ten 8 hour shifts with up to 16 men employed. Curbs and end posts have been poured on north bound structure; this completes the concrete on this project. Contractor is about 50% done on deck stripping on north bound structure. The south bound structure is 100% complete except for touch up painting on shoes and rockers. The subcontractor, Hilde Construction Co., has not worked on grading operations this past reporting period. The project as a whole is 98% complete with 91% of the contract time elapsed. A two to three man engineering crew has been engaged in project inspection on this and other projects.

M5708 & RS 70 (10)
Havre-South (North Section)
Hill County
1.23 miles, grade, aggr. surf.
pl. mix bit. surf., signing
and installation of Flasher
Contract Let: 1/15/75
Contract Amount: $899,539.01
Work Started: 3/21/75

Baltrusch Construction Co., Inc.
& Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 130 working days
Completion Date: 3/20/76

The final estimate and supporting data was submitted to the Construction Bureau on September 24, 1976. This constitutes a final entry in this report.

ERFO 72 (12) Babb North
to Kennedy Cr.
0.2 miles, Glacier County
Structures & Approaches
Contract Amount: $610,356.49
Contract Let: 4/1/76
Work Started: 4/13/76

Sletten Construction Co.
Great Falls, Montana
Albert W. Bonner, Fld. Proj. Mgr.
Babb, Montana
Contract Time: 140 working days
Probable Completion Date: 11/15/76

Progress has been fair. The contractor, Sletten Construction Co., worked five 8 hour shifts employing 4 men removing the detour structure. The subcontractor, Western Sign Co., employed

ERFO 72 (12) Babb North (Continued)

five men working 8 hours per day installing guard rail. Guard rail installation was completed on 9/23/76. The subcontractor, Kraus Construction Co., worked ten 8 to 12 hour shifts with one man employed dozing out the detour. The project as a whole is 95% complete with 78% of the contract time elapsed. A two person engineering crew is inspecting contractor's operations.

SMP-0899-76
Chouteau, Glacier
and Hill Counties
Crushing & Stockpile
Contract Let: 1/23/76
Contract Amount: $118,078.00
Work Started: 3/31/76

Francis Tindall
Lewistown, Montana
William J. Neely, Lab. Supr. III
Havre, Montana
Telephone No. 265-6821
Contract Time: 60 working days
Probable Completion Date: 10/15/76

No work on this project. All contract items are 100% complete. Contract time has been suspended until seeding of pit area can be accomplished, in accordance with Art. 17:13 (F) 2. The project as a whole is 96% complete. 100% of the original contract time has elapsed and 80% of extention time remains. All project notes and data was submsitted to the Division office on 7/22/76. All gravel quantities have been checked by Division office personnel.

TQX-220 (14) Cut Bank-West
4.95 mi. Glacier County
pl. mix surf. overlay
(skid correction)
Contract Let: 7/30/76
Contract Amount: $236,519.40
Work started: 9/14/76

Gus M. Albert
Miles City, Montana
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 40 working days
Probable Completion date: 10/15/76

Progress has been good. The contractor employed up to 24 men on one 9 hr. shift per day. Completed widening the shoulders and started producing and placing a leveling course of Grade B plant mix on Sept. 24th. Started placing the first left of plant mix on September 28th. Produced and placed 4013 tons to date or 30% complete. A five man engineering crew is inspecting the contractor's operations. The project as a whole is 25% complete with 65% of the contract time elapsed.

RF-FLH 353 (15)
Two Medicine Bridge-East
6.1 mi. - Glacier County
Grade, gravel surf.,
and pl. mix surface
Contract not let

Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329

No work on this project this reporting period.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P. E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
SEPTEMBER 30, 1976

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending September 28, 1976.

GENERAL

Progress throughout the Division was fair. The weather was fair with temperatures ranging from +30 degrees to +85 degrees.

PRECONSTRUCTION

F-RF-245(12), SAVAGE - CRANE
Length - 8.0+ Miles
Survey Started - December 11, 1972

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - May 1, 1977

No work on this project during the past period. Fly line, centerline, bench levels and X-sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 man days used to date.

RF-325-(9), SIDNEY - FAIRVIEW
Length - 11.6+ Miles
Reconnaissance Survey

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 man days used.

RS-31(7), CIRCLE - NORTHWEST
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Length - 10.524 Miles

H. D. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1977

Survey was suspended March 1, 1976, with 416.5 man days used to date. The survey is approximately 47% complete.

RS-302(24), BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-347(15), ALZADA - EKALAKA
2ND SECTION - 18.4 MILES
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. Work will begin when personnel are available, probably during the coming period.

PROGRESS REPORT

PRECONSTRUCTION

S-359(6) 2ND SECT., MARSH - GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - June 30, 1977

No work on this project during the past period. Design remains 10% complete with 32 man days used to date.

RS-361(13), PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 man days used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON - DAWSON CO. LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY - FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Fld. Proj. Mgr. -- Roadway
C. H. Neiffer, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Probable Comp. Date - November 30, 1977
Work Started - April 12, 1976

Progress this past period has been fair. Prime contractor Joe Mayo & Son, Inc. employed 25 men for ten 9-hour shifts excavating and placing 100,800 cu. yds. of unclassified borrow making this item 51% complete, excavated 226 cu. yds. of culvert excavation making this item 34% complete, installed 68' of 24" CSP culvert making this item 33% complete, 138' of 24" Syphon CSP Culvert making this item 84% complete and 203' of 48" Irrigation CSP Culvert making this item 100% complete. Sub-contractor Swan and Sons employed 4 men for four 8-hour shifts placing 11.5 cu. yds. of Class AC-DC Concrete in concrete chutes left of Stations 2111+16, 2133+00 and 2138+20 making this item 77% complete. Structure sub-contractor Swingen Construction Co.,employed 27 men for eight 8-hour shifts and two 10-hour shifts depositing concrete for deck and right curb on the Fallon Interchange, cap on Bent No. 2 on Yellowstone Grade Seperation. This completes all sub-structure units for this structure. Also placed sand-gravel blanket and deposited concrete for concrete slope protection right of Station 2118+30. Construction layout is an estimated 89% complete with 9 engineers and 5 inspectors or testers employed this past period. Project as a whole is 45% complete with 103 working days or 40% of the contract time elapsed.

I-94-5(15)183 UNIT I
FALLON - DAWSON COUNTY LINE
Length - 0.221 Miles
Bridge Substructure and Approaches
Contract Awarded - July 29, 1974
Amount of Contract - $2,167,615.36
Work Started - August 7, 1974

Sletten Construction Co.
P. O. Box 2467, Great Falls, Montana
H. D. Kelly, Fld. Proj. Mgr., App's
A. J. Kuntz, Fld. Proj. Mgr., Substr.
Glendive, MT - Phone 365-5296
Contract Time - 300 Working Days
Comp. Date - April 21, 1976

All work was completed on this project April 21, 1976. The supporting data for the bridge portion of the contract has been turned into the Division Office where final checking is 95% complete. The notes for the grading portion of the contract have been submitted to the Division Office where checking is an estimated 95% complete. The semi-final estimate will be submitted September 29, 1976, and all that remains is revisions on the white prints for the grading portion of the contract. The grading portion of the final estimate is an estimated 85% complete with 1 - 2 engineers employed part time this past period.

I-94-5(15)183 UNIT 2
FALLON- DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - December 1, 1976

Progress during the past period has been good. Ten 8-hour shifts were worked with up to 24 employed. Girders No. 19D3, 23D6 and 24C6 which were repaired at the fabricators after a railroad derailment were delivered to the Fallon siding, unloaded and hauled to project site. Field splices were being made up on the ground and torqued by state inspectors. Girders were being erected and completed for Spans No. 4, 5 and 6 EBL. Jacking frame was removed from Pier 5 EBL and re-set over Pier 3 EBL. All the steel is on the project for the EBL and two girders remain to be delivered for the WBL. Project as a whole is 37% complete with 24 working days used or 18% of the contract time elapsed. Construction layout with one engineer and 2 inspectors torqueing bolts part time is 40% complete.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, MT 59101
H. D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - May 2, 1977

The project was conditionally accepted July 11, 1975, and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44. Plant Establishment Period ending September 1, 1976. The contractor has not been present for any of the monthly inspections of the plants. All inspections have been made by the Project Manager with written reports of the findings being submitted to the contractor. The contractor has advised that none of the 35 various shrubs and trees that require replacement can be obtained this planting season. Therefore plant replacement will probably not be completed until the Spring of 1977. The project remains 99% complete with 100% of contract time elapsed. The final notes and white prints have been checked in the Division Office.

I-94-6(23)202 GLENDIVE - WEST
I-94-6(28)209, GLENDIVE - EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surfacing
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr., Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - October 31, 1976

Progress this past period was good. Prime Contractor Joe Mayo & Son, Inc. worked ten 9-hour shifts employing from 65 to 95 men. Work consisted of placing 85 lineal feet of culvert for 100% complete. Producing and placing 44,845 ton of 1½" crushed base course Gr. 5 for 83% complete, producing and placing 11,965 ton of 1½" Plant Mix Base for 78% complete. Placing 24,875 cu. yds. Uncl. Exc. for a total to date of 1,404,875 cu. yds. or 100% complete. Sub-contractor F. L. Flynn & Co. worked ten 8-hour shifts with a total of 18 men employed. Work consisted of placing class "ADA" Concrete for deck slabs on Str. at STA 3227+50 (WBL) and Str. at STA. 3098+24.1 for 98% complete. Installed one 20' Cattleguard for 75% complete. Installed one new 24' Cattleguard for 80% complete. The project as a whole is 76% complete with 176 working days used or 73% of the contract time elapsed. Construction layout with 6 to 10 engineers and 13 inspectors is estimated to be 90% complete.

I-94-6(29)226 UNIT 1
GLENDIVE - WIBAUX CO. LINE WEST(EAST SECT)
Length - 6.339 miles
Grade and Structures
Letting Date - Sept. 30, 1976

David A. McCloy, Field Proj. Manager
Glendive, Montana Phone 365-5296

A four man survey party started construction layout survey on September 20, 1976. Length of centerline W. B. Lane has been verified and checked with electronic measuring equipment and stationing compared to centerline median. Additional right-of-way acquired has been staked on first four miles and centerline W.B. Lane staked from beginning of project Sta. 955+38.6 to 1048+00. Engineering layout is estimated 1% complete with 37 man days used to date.

RF-245(27), GLENDIVE - SIDNEY, SAVAGE - SOUTH
Length - 2.6 Miles
Grade, Aggr., Surf., Plant Mix
Bituminous Surf. and Signing
Contract Awarded - January 24, 1975
Amount of Contract - $538,934.96
Work Started - April 15, 1975

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 120 Working Days
Comp. Date - July 20, 1976

On July 20, 1976, the project was completed with 117 working days used. Final estimate is approximately 98% complete with one man working part time.

RF-246(21)
LINDSAY - NORTH & SOUTH
Length - 9.6 Miles
Grade, Aggr., Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13
Work Started - November 6, 1975

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 220 Working Days
Prob. Comp. Date - November 1, 1976

Progress this past period has been fair. Sub-contractor Swan & Son worked two 8-hour shifts installing 47 right-of-way monuments making this item 100% complete; also installed 47 rods of F4W and F4M Fence making this item of 100% complete. A total of 3 men were employed. Sub-contractor Western Co. worked two 8-hour shifts completing signing items on Sept. 8, 1976. A total of 5 men were employed. The project as a whole is 98.8% complete, with 188 of 237 calendar days or 79% of the contract time elapsed. The construction layout with 7 men engaged is 97% completed.

RF-391(16), LAMBERT - EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum, Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, No. Dakota
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Probable Comp. Date-June 1, 1977

Sub-contractor Western Sign began work on cable guardrail installation on September 21, 1976. Installed 5800 feet of rail for 75% complete this past period. Moved off the project before completion on 9-28-76, will return at a later date. Plant mix surfacing and temporary striping remain at 100% complete. The contractor still plans to return later this fall and crush and stockpile the cover aggregate for future use.. The project as a whole is 72% complete with 63 days or 57% of the contract time elapsed. One man on guardrail inspection. Engineering crew engaged on another project. Contract time assessment suspended on September 15, 1976 because of specification date on seal coat.

PROGRESS REPORT CONSTRUCTION

RS-128(12), WIBAUX COUNTY LINE - NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base and Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
James Baldwin, Field Proj. Mgr.
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - June 30, 1977

Progress this past period has been fair. Twenty men on grading and pipe crews working 9-hour shifts 5 days per week in miles 1 and6 of the project. Work this last week has been concentrated in the area of the bridge, constructing bridge end fills and excavating the channel change. 76,500 cubic yards of Unclassified Excavation moved to date for 17% complete; 1,267 linear feet of culverts installed to date for 35% complete. Six man fencing sub-contractor's crew working 8-hour shifts 5 days per week in miles 4, 5 and 6. 1,156 rods built to date for 60% complete. The bridge sub-contractor moving in equipment this past period and expects to begin driving piling approximately the first week in October. The project as a whole is 10% complete with 68 days or 42% of the contract time elapsed. The construction layout with a 7-man engineering and inspection crew engaged is 100% complete.

RS-128(14), 9 MI. NORTH OF WIBAUX - NORTH
Length - 4.5 Miles
Grade, Agg., Surf. Drain
Contract Awarded - May 21, 1975
Amount of Contract - $502,201.62
Work Started - July 3, 1975

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Comp. Date - Sept. 23, 1976

Progress this past period has been poor. Neshem-Peterson worked six 10-hour and one 8-hour shifts on general cleanup and minor miscellaneous items. A total of six men were employed. Surfacing subcontractor Earth Builders, Inc. worked two 10-hour and one 8-hour shift on laydown of 1" CBC. A total of 8 men were employed. Culvert and fencing sub-contractor Sherrodd, Inc. worked one 10-hour and one 8-hour shift on minor fencing and culvert items. A total of 4 men employed. This project was completed on 9-23-76 with 184 calendar days or 121% of the contract time elapsed. A six man engineering crew currently engaged in remeasure of the project. Final estimate is 5% complete with an estimated submittal date of December 6, 1976.

RS-302(23) TERRY- BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf. Plant Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

Progress this past period has been fair. Contractor Joe Mayo & Son, Inc. worked ten 9-hour shifts employing from 5 to 22 men. Work consisted of producing and stockpiling approximately 10,000 tons of 1" P.M. B. B. from Pit Lab # 410139-48 making this item approximately 55% complete; hauling and placing 4000 cu. yds. Uncl. Exc. and removing 130 cu. yds. of culvert Exc. making these items 1% and 2% respectively; fencing items remain at 95% complete. The project as a whole is 6% complete with 104 working days used or 58% of the contract time elapsed. Construction layout with one engineer and 4 inspectors employed is estimated to be 80% complete.

PROGRESS REPORT

CONSTRUCTION

RS-347(17), ALZADA - EKALAKA
Length - 4.3 Miles
Grade, Aggr., Surf. Pl. Mix Base and Signing
Contract Awarded - November 24, 1975
Amount of Contract - $860,118.32
Work Started - March 25, 1976

Joe Mayo and Son, Inc.
Box 310, Cavalier, No. Dakota 58220
B. F. Kelly, Field Project Manager
Ekalaka, Montana - Phone 775-5582
Contract Time - 130 Working Days
Prob. Comp. Date - October 30, 1976

There has been no progress this past period. The project is temporarily shut down as all items are 100% complete except for seeding operations which will begin sometime after October 15, 1976. The project as a whole is 98% complete with 87 working days used or 66% of the contract time elapsed. Construction layout with one to two men employed computing final quantities is estimated to be 96% complete.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor
Division Construction Section

BR/sb

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
October 1, 1976

CONSTRUCTION BUREAU

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending October 1, 1976.

GENERAL

The weather has varied from cool to warm with small measureable amount of precipitation this past period. Progress on road construction has been fair. Off system roads and signing projects are progressing slowly. The temperatures ranged from a low of 28 to a high of 84 degrees.

PRECONSTRUCTION

F 193 (22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-25-75
Survey Suspended--04-26-76

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
787-5701
Est.Compl.Date--03-31-77

No work on project the past period. Centerline and bench levels remain at 60% complete, section ties at 15%. Field work on project suspended until the end of the current construction season. Estimated date of completion is March 31, 1977. The location survey as a whole is 22% complete with 235 man days used to date.

RS 239 (5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est.Compl.Date--10-15-76

No work accomplished on project the past period. Cross sectioning remains 12% complete and mainline topography is 75% complete. Centerline, bench levels and utility topography are 100% complete. Survey is 48% complete or the mile equivalent of 3.8 miles. A total of 205 man days have been used to date on location survey. Milar detail map is 75% complete.

RS 257 (5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act.Compl.Date--04-02-76(Location)
Est.Compl.Date--10-15-76

RS 257 (5), Tampico-Glasgow (Continued)

Centerline, bench levels, topography and cross sectioning are 100% complete. The tying of section corners is 100% complete. Additional section ties were requested by Division Office personnel. The location survey is 100% complete. Milar detail map is 90% complete. A total of 404 man days have been used to date on location. Three man days were used on design this period. A total of 100 man days have been used to date on design which is 30% complete. Public hearing scheduled for October 19, 1976.

RF 266 (14), Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est.Compl.Date--

Public hearing held on October 7, 1975. Preliminary alignment has been established on auto screen map. Property owners have been contacted for written authorization to survey.

CONSTRUCTION

S 8 (18), Opheim-East
11.735 Miles in Length
GR.,AGG.SURF.,PL.MIX.BIT.BASE & SIGNING
Contract Let--10-25-73
Contract Awarded--10-26-73
Work Started--04-24-74
Proceed Order Date--04-16-74
Bid Price--$848,538.65

Zook Brothers Construction Company
Great Falls, Montana
George L. Nelson, Field Proj. Mgr.
Opheim, Montana
762-3292
Calendar Days--270+69
Actual Compl.Date--08-16-75
(254 Cal.Days)

Project is 100% complete. Final estimate and supporting data submitted to Helena on October 1, 1976. This will be the last report.

RS 15 (17) & RS 202 (6),
Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--60
Prob.Compl.Date--06-15-77

202 (6)

Progress consisted of placing 1,435 ton of plant mix Gr. C for a total to date of 13,341 ton or 100% complete. 85 ton of 120-150 asphalt cement was used for a total to date of 794 ton or 100% complete.

15 (17)

Progress consited of placing 675 ton of 3/4" top surface for a total to date of 3,113 ton or 100% complete. Placed 2,249 ton of plant mix Gr. C for a total to date of 2,249 ton or 100% complete. 133 ton of 120-150 asphalt cement was used for a total to date of 133 ton or 100% complete. Thirty contractor employees worked 6 variable hour shifts. Project is 85% complete with 95% of the project time elapsed. A five man engineering crew was engaged on the project. The only work remaining on contract items is seal, cover and traffic striping.

RS 98 (7), Wolf Point-North & East Loop (West Section)
13.5 Miles in Length
PLANT MIX BITUMINOUS OVERLAY & SEAL & COVER
Contract Let--06-12-75
Contract Awarded--06-13-75
Work Started--07-10-75
Proceed Order Date--07-17-75
Bid Price--$412,133.50

Gus M. Albert, Contractor
Miles City, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--100
Prob.Compl.Date--10-15-76

Project is 99% complete with 70% of the contract time elapsed. The only work remaining is seeding gravel pit area which will be accomplished this fall. One engineering personnel working periodically on the final.

RF 153 (12), U-1 Dodson-North
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceeded Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Const., Inc. & Affiliates
Havre, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--120
Prob.Compl.Date--06-01-77

The project is approximately 86% complete. The major work remaining is repair of the road mix surface and seal and cover. Contract time was suspended August 3, 1976, waiting for the road mix to cure. 84% of the contract time has elapsed.

RF 240 (13), Lighting on US 2 East-Wolf Point
0.53 Miles in Length
Contract Let--06-10-76
Contract Awarded--06-15-76
Proceed Order Date--07-06-76 (See S.P. 1B)
Work Started--09-24-76
Bid Price--$36,969.00

Midland Electric Co., Inc.
Billings, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--45(See Special Provision)

Contractor started work on September 24, 1976. Progress consisted of installing 600' of 1" steel conduit. for a total to date of 600' or 11% complete. Two contractor employees worked four eight-hour shifts. Project is 4% complete with 9% of the contract time elapsed. One inspector is engaged on the project.

RS 337 (15), Loring-South
8.964 Miles in Length
GR.AGG.SURF.,PL.MIX BIT.BASE
Contract Let--09-26-74
Contract Awarded--09-27-74
Proceed Order Date--10-18-74
Work Started--04-16-75
Bid Price--$989,941.10

Gus M. Albert, Contractor
Miles City, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--150
Prob.Compl.Date--10-15-76

The project remains 100% complete with the exception of seeding of the gravel pit which will not be accomplished until the fall seeding season. 94% of the contract time has elapsed. Two man days used this past period working on final. Notes were submitted to division office for checking on 9-21-76.

SMP 4399-75, Maintenance Stockpiles
McCone,Richland,Roosevelt & Valley Counties
CRUSH & STOCKPILE
Contract Let--12-18-75
Contract Awarded--12-19-75
Proceed Order Date--01-09-76
Bid Price--$171,460.00

Francis Tindall, Contractor
Lewistown, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--95

Project is 100% complete with the exception of final cleanup and seeding of the pit areas. 94% of the contract time has elapsed. One engineering personnel working periodically on the final. Final was submitted to the Division Office 08-09-76 for checking.

Respectfully submitted,

Vernon D. Borden

Vernon D. Borden, P.E.
Supr.-Div. Constr. Section

VDB:BH:psb

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

October 1, 1976

CONSTRUCTION BUREAU

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the reporting period ending October 1, 1976.

GENERAL

Temperatures ranging from +45 to +75 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout this area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

I 90-9(49)510
Custer Battlefield Intch. Revision
Length 0.5 Miles
Survey Authorized 6-11-76
Work Not Started

Robert E. Ewing, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 2-1-77

Work will commence as soon as personnel are available.

U 53(18) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

Two employees worked on this project preparing an aerial photo public hearing display. Design work is 25% complete.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75
Work Not Started

Billings Division Office
Billings, Montana
Probable Completion Date 3-1-77

Survey will commence as soon as personnel are available.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

John T. Miner, Fld. Project Mgr.
Hysham, Montana
Probable Completion Date 12-15-76

Work was suspended on February 20 and will continue when personnel are made available.

S 45(12) Brandenberg-Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

No work was accomplished on this project during the last reporting period. Design work is 52% complete.

RS 129(15) Columbus - North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12-22-75

Michael Zahn, Fld. Project Mgr.
Columbus, Montana
Probable Completion Date 10-15-76

No personnel were assigned to this project during the past reporting period. The project remains 67% complete with 234 man days reported to date.

S 252(4) Rosebud South (North Section)
8.100 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 12-31-76

One employee attended the Pre-Plan-in-Hand meeting on this project during the last reporting period. Design work is 27% complete.

S 260(10) Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the last reporting period. Design work is 50% complete.

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Busby, Montana
Phone No. 592-3663
Probable Completion Date 10-20-76

No work was accomplished by the field engineering crew during the past two weeks. All personnel assigned to construction project RF-FLH 334(25). The project is 44% complete.

I-IG 90-8(64)391 U1 & I 90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Work Started 6-26-75
Contract Awarded 6-5-75

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Columbus, Montana
Phone No. 322-5952
Contract Time: 260 Working Days
Probable Completion Date 10-15-76

Bridge items are 100% complete. Grading items are 99% complete. Fencing items are 62% complete. Drainage items are 97% complete. Seeding items are 71% complete. Empire Sand and Gravel Company, Inc., subcontractor on the subject project sealed and covered the entire project using 236.74 tons of CRS-2 asphalt and 1,973 tons of ½" cover material. The surfacing items are now 100% complete. The subcontractor worked two 10-hour shifts with fifteen men employed. Frank Gurney, subcontractor on the project installed 1,500 lineal feet of steel guardrail. Guardrail items are 46% complete. The subcontractor worked seven 8-hour shifts with three men employed. A five man engineering crew has been inspecting construction, computing quantities and checking notes. Construction layout is 98% complete. The project is 97% complete with 69% of the contract time elapsed.

I 90-9(28)501 U1 & I 90-9(34)491 & FI 188(10) Garryowen North & South
8.1 Miles of Grading Agg.
Surf., Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co's., Contractors
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 10-30-76

Fair progress. The contractor worked ten 10-hour shfts with 40 men employed on crushing, hauling and processing gravel. The grading work consisted of grading West Frontage Road from Station 911+ to 922+. The grading portion of the project is now 98% complete. Crushing and placing 3 inch, 1½ inch, and 3/4 inch gravel from stations 916+ to Station 240+. A total of 377,373 tons have been hauled to date or 75% of the gravel placed on the road ways. From Station 130+ to Station 240+ the Westbound has been leveled and tight bladed. On the Eastbound from Station 112+ to Station 174+, and on the East Frontage Road from Station 174+ to Station 239+ has been leveled and tight bladed and ready for prime. Contractor plans on priming starting September 28, 1976 weather permitting. On the FI 188(10) portion of this project the contractor has removed half of the pinned down curb and is getting ready to start the overlaying on this portion. The contract as a whole is 60% complete with 70% of the time elapsed or 200 working days used.

I 90-9(28)509 Unit 2
Structures on Garryowen
North and South
0.030 Mile in Big Horn Co.
Contract Let 8-15-74
Amount of Contract - $638,451.76
Work Started 10-16-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 170 Working Days
Completion Date 5-11-76

The contractor has completed the project within the contract time alloted. Structure staking and computations are 100% complete. Nineteen man days have been charged to the project during the newsletter period working on final computations, which was completed and submitted to the Division Office on September 28, 1976.

I 90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Started 8-23-76

Empire Sand & Gravel, Contractor
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 5-30-77

Fair progress. The contractor worked four 10-hour shifts with 26 men employed. Started paving on the project on September 20, 1976 and has paved left and right lanes from Station 351+ to Station 472+ and from Station 668+ to Station 778+ using 10,431 tons of plant mix base one inch Grade 2, making this item 62% complete. The project as a whole is 68% complete with 78% of the time used or 95 days used.

I 94-1(27)23 Unit 1
Grading and Fencing on the
Pompeys Pillar-East (West Sec.)
Road in Yellowstone County
Contract Let 6-13-74
Amount of Contract - $2,257,636.45
Work Started 7-1-74

Wickens Brothers, Contractor
Suffolk, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 350 Calendar Days
Probable Completion Date 10-30-76

No work was accomplished on the project this period. All major items on the project are complete. Some minor cleanup work remains and will be done as soon as equipment is available from another project. The project is 99% complete with 91% of the contract time elapsed. No engineering personnel were assigned to the project. The engineering layout is 99% complete.

I 94-1(27)23 Unit 2
Structure on Pompeys Pillar
East (West Section)
0.085 Miles in Yellowstone Co.
Contract Let 8-15-74
Amount of Contract - $1,219,075.98
Work Started 9-12-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 230 Working Days
Completion Date 7-2-76

The contractor has completed the project within the contract time alloted. Structure staking and computations are 97% complete. Eighteen man days have been charged to the project for final computations during the newsletter period.

I 94-1(41)23 Pompeys Pillar-East
Agg. Surf., Plant Mix Surf.,
Gr. Rail & Signing
11.526 Miles-Yellowstone County
Contract Let 11-14-74
Amount of Contract - $2,147,544.57
Work Started 11-22-74

Hilde & Maronick Const. Company
Helena, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 200 Working Days
Completion Date 9-9-76

The project was completed and accepted September 9, 1976. One person worked in the office summarizing and checking quantities for the final estimate. The engineering layout is 99% complete.

I 94-2(17)60 U1 & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 7-1-77

Fair progress. No working days have been lost to adverse weather conditions. Frank Gurney, Inc., subcontractor, worked seven days installing concrete median barrier, guardrail, and worked two days installing signs. Wickens Brothers worked nine days on grading and culvert installations. Nineteen men were employed on the projects during this period. Gurney's working schedule included five 8-hour shifts weekly. Wickens Brothers are working five 9-hour shifts weekly. Empire Sand and Gravel Company, Inc., intends to begin base gravel operations about the eighteenth day of October. Percentage complete of the various items are as follows. Grading 79%. Drainage 82%. Surfacing 15%. Structure 97%. Fencing 75%. Signing 8%. Project as a whole 47%. Eight employees are presently assigned to this project. Construction layout is 50% complete. 201 of the allotted 301 working days have now been used, making 67% of the contract time elapsed.

I 94-2(17)60 Unit 2
Structures on Hysham East & West
0.061 Miles in Treasure County
Contract Let 5-29-75
Amount of Contract - $587,720.44
Work Started 7-1-75

Huchaba Construction, Contractor
Whitehall, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 175 Working Days
Completion Date 9-13-76

The contractor has completed the project within the contract time alloted. Structure staking and computations are 91% complete. Five man days have been charged to the project for final computations during the newsletter period.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles-Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Not Started

McEachern Const. Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 8-1-77

A five man engineering crew worked on the project for ten days this period. The R/W line has been completed, and the crew has now begun slope staking. Centerline and R/W line is now 100% complete and slope staking is 4% complete. The engineering layout is 5% complete.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1-77

Good progress. Drainage work in progress has been the excavation for and the installation of the drop inlets and drain pipes on 3rd St. between 89+90 and 97+00. This completes the majority of the drainage work. Grading work is in progress on 3rd St. between Station 89+00 and 97+30. This completes the majority of the grading work. 1½" crushed base course was being hauled and placed on 3rd St. between Station 89+90 and 98+00. This completes the majority of the base course on the project. 1" conduit and light bases are being placed on Center Ave. Between Station 9+66 and 68+70, Crawford Ave. between Station 2+00 and 4+90 and 3rd St. between Station 96+00 and 103+32. Curb and Gutter was placed on Crawford Ave. between Station 0-45 and 5+78, Center Ave. between Station 48+50 and 68+70 and 3rd Street between Station 90+00 and 108+00. Sidewalk was placed between Station 28+96 and 30+00 on Center Ave. Signs are being erected throughout the project. The contractor worked five 8-hour shifts with twenty-two men employed and six 8-hour shifts with fourteen men employed. Sandon Construction Company, subcontractor, worked eight 8-hour shifts with six men employed and two 8-hour shifts with eleven men employed. Midland Electric Company, subcontractor, worked ten 8-hour shifts with six men employed. Meyer Construction Company moved back on the project on September 21, 1976 and began crushing 1½" plant mix base material on September 27, 1976 with six men working six 8-hour shifts. Schmoll Construction Company, subcontractor, began signing on September 22, 1976 and worked two 4-hour shifts and one 8-hour shift with three men employed. A total of forty-eight men were employed on the project this reporting period. Miscellaneous items are 56% complete. Grading items are 85% complete. Drainage items are 95% complete. Surfacing items are 62% complete. Curb and Gutter items are 45% complete. Fencing items remain 43% complete. Signing and lighting items are 23% complete. The project as a whole is 65% complete with 106 days of the 183 working days allowed having been used or 58% of the contract time elapsed. One five man survey crew has been bluetopping subgrade and gravel,

staking curb and gutter and staking signs, conduit and light bases. Two men have been working in the office. One man is on compaction and signing and lighting inspection. Two men are on curb and gutter and sidewalk inspection. A three man crew is assigned to the gravel operation. Engineering layout is 75% complete.

RF-FLH 334(25) Busby-Lame Deer 3rd Sec.
Crow Agency - Broadus Road
Grade, Drain Agg. Surf., Pl. Mix
Bit. Surf., & Signing 5.8 Miles
Amount of Contract - $2,257,153.79
Contract Awarded 6-9-75
Work Started 9-29-75

Hilde Construction & Maronick Const.
East Helena, Montana
Raymond J. Schaak, Fld. Project Mgr.
Phone No. 592-3663
Busby, Montana
Contract Time: 180 Working Days
Probable Completion Date 10-15-76

Fair progress. The contractor worked four nine hour shifts on striping. Three men were employed by the contractor during the past two weeks. Work in progress consisted of striping of the project by the subcontractor, Walt Lins Painting. The Striping was completed on September 23, 1976. This completes all work with the exception of the seeding, which will begin on October 15, 1976. All items are as follows. Grading 100% complete. Drainage 100% complete. Aggregate surfacing 100% complete. Bituminous surfacing 100% complete. Miscellaneous 90% complete. Signing 100% complete. Erosion Control 50% complete. A five man engineering crew is assigned to construction inspection and layout. The project is 98% complete with 73% of the contract time elapsed. Construction layout is 99% complete.

M 1006(1) Broadwater Avenue
12th to 14th St. West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

The contractor had an average of eight men employed and worked nine 8-hour shifts excavating and laying 8" waterline on Broadwater Ave. and 12th St. West, installing waterline laterals on Broadwater Ave. and excavating for the binwall on 12th St. West. Excavation-Culvert is approximately 33% complete. Soil Pipe-CI 8" Service Weight is approximately 94% complete. Pres. Pipe-Ductile 8" CL 150 is approximately 90% complete. Sewer and waterline laterals are about 85% complete and Adjust Manholes is about 75% complete. All other items remain the same as previously reported. Contract time elapsed has been 66 working days or 73% to date and 24 working days remain. Engineering time charged to the project has been 53 man days during the past reporting period. The project as a whole is approximately 25% complete.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Contr.
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 11-1-76

The Prime contractor had seven men employed and worked ten 8-hour shifts stripping forms, finishing concrete and backfilling abutment No. 1. Replaced the perforated

drain pipes at abutments No. 1 and 3, set beams for spans 1 and 2 and welded the plates and started forming for the deck at span No. 1. The subcontractor, Barry O'Leary Construction Company, had four men employed and worked four 8-hour shifts laying and rolling 3/4" top surfacing, adjusting manholes and shooting MC-70. Liquid Asphalt MC-70 is approximately 46% complete. Adjust manholes is about 60% complete. Traffic control is about 45% complete. Concrete-Class AD is about 68% complete. Prestressed Beam-Type I-50' is about 95% complete. Structure excavation is about 99% complete and reinforcing steel is about 62% complete. All other items remain the same as previously reported. Contract time elapsed has been 66 working days or 44% to date and 84 working days remain. Engineering time charged to the project has been 53 man days during the past reporting period. The project as a whole is approximately 43% complete.

M 1020(2)
U.S. 10 & Moore Lane
Street Work Lighting & Signals
Contract Let 2-28-75
Contract Amount - $179,653.25
Work Started 10-6-75

Long Construction Company
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 45 Working Days
Completion Date 7-2-76

Final data was submitted to Helena on September 27, 1976. This will be the final report on the project.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing &
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contr.
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 322-5952
Columbus, Montana
Contract Time: 150 Working Days
Probable Completion Date 5-30-77

Bridge items are 100% complete. Grading items are 99% complete. Drainage items are 93% complete. Fencing items are 83% complete. Seeding items are 93% complete. Meyer Construction Company hauled and placed 921.5 tons of 1½" base course for a total to date of 80,932.5 tons. They produced and placed 7,547 tons of 1" plant mix bituminous base surfacing for a total to date of 14,264 tons. Surfacing items are 91% complete. The contractor worked one 9-hour shift per day with thirty men employed. A five man engineering crew has been inspecting construction, computing quantities and checking notes. Construction layout is 95% complete. The project is 94% complete with 90% of the contract time elapsed.

HHS 212(20) Lodge Grass-North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Started 8-25-76

Empire Sand & Gravel Co., Inc.
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 5-30-77

The contractor finished one inch plant mix base overlay on the 6.1 miles of the awarded project plus one mile of overlay change order on September 20, 1976. This project is now under shutdown due to the time limitations for Seal Coat operations. Contract time for project was 60 days and ten additional days for the Change Order work. There has been 64 days used with six days remaining. The contract as a whole is 92% complete.

Respectfully submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/cw

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
October 1, 1976

CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending October 1, 1976, for Division 5230 - Miles City, Montana.

GENERAL

Mostly clear skies and occasional windy periods along with temperatures ranging from 26° to 84° prevailed during the period. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

RS 45 (12) - Garland-Northeast Extension
Length - Approx. 1.5 Miles
Survey Not Started

Field Project Manager - Not Assigned
Probable Completion Date: Jan. 15, 1977

Engineering personnel will be assigned to this 1.5 mile extension of Project RS 45 (12) as soon as available.

S 252 (4) - 8 Mi. So. of Rosebud-South
South Section
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974

Ray R. Garland, Field Project Manager
Forsyth, Montana - Tel. No. 356-2230
Probable Completion Date: June 15, 1977

To date, centerline and levels have been run and ownerships checked on 9.0 miles or 100% complete. 100 man days have been used. The survey as a whole is 29% complete.

DP 252 (5) - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: March 15, 1977

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94
(Center Section)
Length - Approx. 17.9 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: Jan 30, 1977

No work was performed on this project during the past period. A total of 387 man days have been used to date. Ground control work for photogammetry design has been completed. Further field work will not be performed until requested.

DP 362 (9) - Lame Deer-Colstrip (North Section) — Field Project Manager - Unassigned
Length - 8.1 Miles
Plant Mix Overlay

Necessary preliminary engineering has been completed and this project is now in the design stage in the Billings Division Headquarters. This will be a final report.

DP 362 (9) - Lame Deer-Colstrip (South Section)
Length - Approx. 9.0 Miles
Survey Not Started
Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: April 15, 1977

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started
Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approx. 20.4 Miles
Survey Not Started
Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975
Robert E. Swanson, Field Project Manager
Broadus, Montana - Tel. No. 436-2891
Probable Completion Date: June 15, 1977

Field Project Manager, Robert E. Swanson, and crew were assigned to this project August 1, 1975. Work in progress since that date has consisted of checking ownerships and securing Right-of-Entry Permits and establishing fly line.

CONSTRUCTION

I 94-3 (29) 90 U-1 - East Forsyth Interchange
Construction of a Dual 194' Concrete Girder Overpass & Approaches
Contract Let: May 29, 1975
Proceed Order: June 26, 1975
Amount of Contract: $514,972.17
Work Started: July 10, 1975
COP Construction Company, Contractor
Billings, Montana
Walter D. Dane, Field Project Manager
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 150 Working Days
Actual Completion Date: August 5, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions August 5, 1976. Formal inspection and acceptance were made August 6, 1976. The final estimate was submitted to the Division Office September 2, 1976, and is currently 95% complete.

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf. Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US-12-I Conn.-Forsyth
Length - 0.306 Miles Grad., Gravel Surf. Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Fld. Proj. Mgr. (Structure)
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

Progress during the past period has been good. 150,000 cubic yards unclassified excavation were moved making a total of 275,000 cubic yards or 19% complete. 50,000 cubic yards of unclassified borrow were moved making a total of 125,000 cubic yards or 25% complete. 628 lineal feet of CSP culvert have been placed making a total of 1,216 lineal feet or 33% complete. 710 rods of fence were installed making a total of 1,283 rods or 34% complete. 6,966 tons of plant mix seal were placed making a total of 15,117 tons or 80% complete. 3,741 tons of plant mix type 3 were placed making a total of 3,741 tons or 8% complete. The contractor worked twenty 9-hour shifts with 141 men employed. The structures as a whole are 15% complete. The contract as a whole is 23% complete with 28% of the contract time elapsed. Construction layout, with a 10-man engineering crew engaged, is 69% complete.

I 94-3 (27) 114 - Hathaway-East & West
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: June 30, 1977

Progress during the past period has been good. Grading operations are complete with the exception of final finishing and general cleanup. 5,033 tons of 3" crushed base surfacing were produced making a total of 5,033 tons or 6% complete. 1,711 tons of 1½" crushed base surfacing have been produced or 3% complete. Crushing and stockpiling of Type 3 Plant Mix Aggregate has been completed. CSP culvert is 86% complete and SSPP and RCP culvert are 100% complete. The contractor worked ten 9-hour shifts during the past period with 6 men employed. The subcontractor worked ten 9-hour shifts with 12 men employed. Structures as a whole are 99% complete. The project as a whole is 72% complete with 53% of the contract time elapsed. Construction layout, with a four-man engineering crew engaged, is 78% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf. and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

RF 156 (15) & (17) Continued

Progress during the past period has been good. 9,152 cubic yards of unclassified excavation were moved making a total of 228,852 cubic yards or 95% complete. 380 lineal feet of CSP pipe were placed making a total of 2,756 lineal feet or 80% complete. Plant mix paving was started on RF 156 (17) September 27th with 8,533 tons placed to date or 19% complete. 255 rods of farm fence type 4W were installed for a total of 2,808 rods or 94% complete. The contractor worked eighteen 9-hour shifts with an average of 50 men employed. The fencing subcontractor worked ten 8-hour shifts with 4 men employed. The project as a whole is 28% complete with 50% of the contract time elapsed. Construction layout, with an eleven-man engineering crew engaged, is 74% complete.

BRF 262 (19) - Broadus-Wyoming Line
Construction of a 121.5' Steel & Concrete Girder Bridge & Approaches over the Little Powder River
Contract Let: February 27, 1975
Proceed Order: April 16, 1975
Amount of Contract: $428,992.40
Work Started: June 4, 1975

COP Construction Company, Contractor
Billings, Montana
Robert E. Swanson, Fld. Proj. Mgr. (Appr.)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Broadus, Mt. - Tel. No. 436-2891
Contract Time: 125 Working Days
Probable Completion Date: Nov. 1, 1976

No work was performed on this project during the past period. To date, all items on this project are 100% complete with the exception of seeding and fertilizing. The project as a whole is 99% complete with 98% of the contract time elapsed. Construction layout is 99% complete.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grade, Gravel Surf. & Plant Mix Bit. Surf.; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Broadus, Montana - Tel. No. 436-2891
Contract Time: 200 Working Days
Probable Completion Date: Nov. 15, 1976

Progress during the past period has been fair. 3,931 lineal feet of guardrail were installed making a total of 4,925 lineal feet or 100% complete. 566 gallons of paint were applied for striping, making this item 100% complete. To date grading operations have been completed except for minor cleanup. Surfacing items are complete. 468 pounds of seed have been applied or 45% complete. 2,342 pounds of fertilizer have been applied or 59% complete. The prime contractor worked ten 9-hour shifts with an average of 7 men employed. Subcontractor Western Sign worked three 10-hour shifts with 8 men employed. The project as a whole is 95% complete with 96% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 99% complete.

RS 45 (14) - Garland-Miles City
Length - 6.6 Miles Grade, Gravel Surf. and Plant Mix Base Surfacing
Contract Let: April 24, 1975
Proceed Order: May 21, 1975
Amount of Contract: $1,140,419.89
Work Started: May 12, 1975

Joe Mayo & Son, Inc., Contractor
Cavalier, North Dakota
Delmer F. Borer, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Actual Completion Date: Sept. 2, 1976

RS 45 (14) Continued

All items were completed in conformance with Plans, Specifications, and Special Provisions September 2, 1976. Formal inspection and acceptance were made September 3, 1976. The final estimate with a two-man engineering crew engaged, is 65% complete and will be submitted to the Division Office about October 30, 1976.

M 8009 (1) - Signals at Main & 8th Street - Miles City
Contract Let: September 30, 1975
Proceed Order: October 22, 1975
Amount of Contract: $24,447.40
Work Started: April 26, 1976

Miles City Electric Co., Contractor
Miles City, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 45 Working Days
Actual Completion Date: August 17, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions August 17, 1976. Formal inspection and acceptance were made August 23, 1976. The final estimate with a one-man engineering crew engaged, is 87% complete and will be submitted to the Division Office about October 18, 1976.

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:DM:dk

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

October 1, 1976

RECEIVED
CONSTRUCTION BUREAU

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period September 18, 1976, through October 1, 1976.

GENERAL

The temperatures varied from 86 degrees above to 32 degrees above zero with 1.25 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale - East and Two Dot - West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5-26-70
Survey Started: 1-4-71
Survey Completed: 4-5-73

Mitch J. Miller, Designer
Lewistown, Montana
Telephone: 538-8732

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Survey was submitted to Helena on September 18, 1973. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on September 18, 1973. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the Project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Bridge Situation Surveys were submitted to the Preconstruction Section in Helena on September 18, 1973. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. Nine man-days were used coding I.B.M. sheets for run No. 2 and were submitted to Helena on September 23, 1976. Tracing Plan and Profile Linens remain 80% complete, plotting templates and computing volumes are 95% complete. The design as a whole is 24% complete with 106½ man-days expended to date.

RS 14 (12) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8-30-74
Survey Started: 3-25-76
Survey Completed:

Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the Denton area.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5-30-75
Survey Started: Not Yet

Unassigned at this time

Authorization to proceed with location along the Alternate "E" Route was received from Helena on June 3, 1975. No crew has been available due to construction schedule. Location will begin when time permits and a crew becomes available.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1-22-74
Survey Started: 1-6-75
Survey Suspended: 4-7-75
Survey Resumed: 1-22-76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field survey work was suspended January 30, 1976, resumed February 18, 1976, and suspended February 20, 1976. Items and percentage complete are as follows: centerline, bench levels, and land ownerships 100% complete; cross-section 95% complete; checking field notes 90% complete; topography 44% complete; section ties 16% complete; plotting cross-sections and profile are 12% complete. A total of 397 man-days have been expended and the survey is 82% complete.

ER 72 (23) Lewistown-Southeast Fergus County
Approximate Length: 0.445 Miles
Survey Authorized: 12-31-75
Survey Started: 7-20-76
Survey Suspended: 7-29-76
Surveu Resumed: 9-27-76

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

A five-man crew worked one day taking topography from Sta. 290+00 to Sta. 307+50, four men worked one day and five men worked two days taking preliminary cross-sections from Sta. 284+00 to Sta. 291+15. Preliminary cross-sections are 25% complete; centerline run, bench marks set and levels run and checked and topography are 100% complete. A total of 19 man-days were expended this week for a total of 32 man-days expended to date. The location survey is about 25% complete.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2-14-72
Survey Started: 11-25-74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field Location Survey was suspended January 3, 1975. Work completed to date includes: obtaining permission to survey permits, land ownerships, flyline, centerline, bench levels established and check levels. Section ties are 30% complete; cross-sections are 15% complete, topography 10% complete, plotting cross-sections and profile are 15% complete. A total of 145 man-days have been expended with the location survey 39% complete.

S 258 (6) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4-10-73
Survey Started: 9-10-73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field notes check and reduced cross-section notes from Sta. 598+80 to Sta. 757+24.9 for a total to date of 14.0 miles or 95% complete. Plotting topography and drainage from Sta. 598+80 to Sta. 757+24.9 for 14.0 miles or 100% complete; plotting profile from Sta. 0+00 to Sta. 757+24.9 for 14.0 miles or 95% complete. A total of 553 man-days have been used and the survey is 95% complete.

DESIGN: Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 5% complete with 19 man-days expended.

ER 72 (21) Melstone-Mosby
Approximate Length: ± 0.379 Miles
Survey Authorized: 1-27-76
Survey Started:
Survey Completed:

Unassigned at this time

Geology Department started and completed foundation core drilling February 25,1976. No location work has begun on this project. Survey work will be accomplished when a field survey crew becomes available.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off-System

Detailed drawings of the Grade Crossing at Stanford, Windham, and Central Avenue, Lewistown, have been sent to the R/W Bureau for further processing.

CONSTRUCTION

RF 8 (22) White Sulphur Springs-Harlowton
Length: 6.935 Miles
Grade, Gravel, Plant Mix Surface and Drain

Hilde Construction Co. and
Maronick Construction (JV)
Great Falls, Montana

cont.

RF 8 (22) White Sulphur Springs-Harlowton continued...

Meagher County
Constract Awarded: 10-3-74
Bid Price: $1,766,953.86
Work Started: 5-13-75

Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 180 working days
Prob. Compl. Date: 11-15-76

No work has been done on this project the past reporting period. The prime contractors, Hilde and Maronick, Inc.,anticipate pit reclamation as soon as water in the pit has drained. Removal of approach to the project and fence closure will be accomplished at this time. The project as a whole is approximately 98% complete with 88% of the contract time elapsed. The engineering crew has been assigned to other projects in and around the Lewistown area.

ER 72 (15) Armells Creek Slide
Grade, Channel Change, and Riprap
0.05 miles Fergus County
Contract Awarded: 8-30-76
Bid Price: $143,208.10

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 40 Working days
Prob. Compl. Date: 6-1-77

The contractor, Rehbein Construction Company, began preliminary site work on September 28, 1976. Two men worked three ten-hour shifts during the reporting period. The contractor plans to begin regular work operations Oct. 1, 1976. The project as a whole is 0% complete with 22% of the contract time elapsed. Engineering layout is 90% complete with a two-man engineering crew assigned to the project.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix Bituminous Surfacing, Sewer Installation, Signing, Lighting, and a 40.0 Prestressed Concrete Bridge over Spring Creek
Contract Let: 4-1-76
Bid Price: $1,820,322.90
Work Started: 5-24-76

Washington Construction Co.
P. O. Box 1502
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 160 working days
Prob. Compl. Date: 8-1-77

Progress the past two weeks has been good. 5,373 tons of 1½" TA CBC material were produced making a total to date of 62,800 tons or 98% complete; 2960 tons of Plant Mix Bituminous Base material were produced for a total of 20,867 tons or 84% complete; 4510 tons of Type 3 Plant Mix Bituminous Surfacing material were produced making a total of 7510 tons or 58% complete; 3620 lineal feet of concrete curb and gutter were placed for a total of 7900 lineal feet or 70% complete; 1540 cu.yds. of Class 3 riprap were placed making a total of 2100 cu. yds. or 97% complete; signing installation is 40% complete; and items previously shown as 100% complete include: unclassified excavation, street excavation, large and small drainage structures, storm sewer line, manholes and waterline installation.

U-RF 103 (15) Lewistown-North continued...

Prime contractor worked two 9-hour shifts and four 8-hour shifts producing and processing gravel base course; six 8-hour shifts hauling and processing Class 3 riprap; and four 10-hour shifts sub-excavating unstable material below subgrade with 26 men employed.

Sub-contractor, McIntyre Construction Co., worked three 11-hour shifts and three 8-hour shifts producing Type 3 Plant Mix Bituminous Surfacing and Plant Mix Bituminous Base Material with 20 men employed. Sub-contractor for curb and gutter worked three 8-hour shifts with 5 men employed.

The project as a whole is 70% complete with 58% of the contract time expended. Construction layout with a 14-man engineering crew assigned for supervision and inspection is 98% complete.

BRIDGE: The sub-contractor, F. L. Flynn & Co., has made good progress the past reporting period. All piling items are now complete, and concrete has been placed for the footing and first half of abutment wall No. 2. The Class AD concrete is 64% complete, piling items 100% complete, and structure excavation is 85% complete with only backfill to be completed. The structure as a whole is 42% complete. A seven man crew is employed on this phase of the project and they are employed for 55-60 hours during a six day week.

RF 138 (8) Roundup-North
Grade, Gravel, Plant Mix Surfacing, Bridge
Project Length: 6.2 miles
Contract Awarded: 5-24-76
Work Started: 7-1-76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Telephone: 323-2040
Roundup, Montana
Contract Time: 180 Working Days
Prob. Compl. Date: 9-15-77

Progress the past reporting period has been fair. The contractor has a crew of 32 to 40 men who worked two 8-hour shifts and eight 10-hour shifts on the grading and gravel operations. The contractor moved 29,510 cu. yds. of unclassed excavation for a total to date of 310,555 or 61% complete. Major and miner culvert installations are approximately 50% complete. Contractor is finishing and topsoiling in the grading operation area.

The contractor moved in the gravel crusher September 31, 1976 and began producing and placing 1½ inch base course on September 28, 1976. The gravel operations started at Sta. 487+00.

The project as a whole is 29% complete with 37% of the contract time elapsed. A ten-man engineering crew is assigned to the project and engineering layout is 95% complete.

cont.

RF 138 (8) Roundup-North continued...

BRIDGE: Progress the past reporting period has been good. The sub-contractor has worked nine 8-hour shifts and has employed an average of 10 men. Deck and curbs have been placed. The contractor is forming the end posts and finishing the curbs. The structure is 90% complete with a one-man engineering crew assigned to inspection of the structure.

RF 157 (26) U-1 Cohagen-North
4.337 Miles Grading, Aggregate Surfacing, Plant Mix Bituminous Surfacing, Signing
Contract Let: 5-15-75
Bid Price: $739,065.95
Work Started: 6-23-75

Neshem-Peterson, Inc., Contractor
Berthold, North Dakota
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 200 Working Days
Completion Date: 9-15-76

The contractor completed seeding the gravel pits on September 15, 1976. The project was inspected and accepted on September 22, 1976. The Final Estimate and supporting data will be submitted to the Construction Bureau October 5, 1976. This will be the last report for the subject project.

RS 49 (10) Fort Logan-White Sulphur Springs
0.9 Miles Structure and Approaches
Contract Let: 11-14-74
Contract Awarded: 11-15-74
Bid Price: $426,589.77
Work Started: 12-10-74

Sletten Construction Company
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 547-2100
Contract Time: 150 Working Days
Completion Date: 8-24-76

The project was completed on August 24, 1976, with 93% of the allotted contract time used. On August 27, 1976, Mr. R.W. Freeman, Division Construction Supervisor and the Meagher County officials made their final acceptance of this project. Final Estimate and supporting data are being checked for submission to the division office.

RS 71 (6) Ryegate-South
Gravel, Plant Mix Base, and Stripe
Contract Awarded: 4-29-76
Contract Amount: $424,429.54
Work Started: 5-20-76

R. J. Studer and Sons
P. O. Box 20204
Billings, Montana
Martin C. VanMil
Field Project Manager
Ryegate, Montana
Telephone: 568-2208
Contract Time: 90 Working Days
Prob. Compl. Date: 10-31-76

cont.

RS 71 (6) Ryegate-South continued...

Progress has been fair the past reporting period. The prime contractor completed cleanup work on September 24, 1976. Subcontractor, Mark Write Lines, completed striping September 20, 1976. The contractor plans to seed the pit area and other areas to be seeded about October 15, 1976.

The project as a whole is 99% complete with 96% of the contract time elapsed. Engineering layout is 100% complete with the two-man engineering crew assigned to other construction projects.

RS 444 (3) Utica-Windham
Length 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5-28-76
Contract Amount: $1,874,234.66
Work Started: 8-5-76

Hilde Construction Co. and
Maronick Construction (JV)
East Helena, Montana
Bruce Barrett
Field Project Manger
Hobson, Montana
Telephone: 423-5327
Contract Time: 180 Working Days
Prob. Compl. Date: 9-15-77

Progress the past reporting period has been good. 38,420 cu. yds. of Unclassed Excavation have been moved for a total to date of 324,328 cu. yds. or 49% complete. 26,372 cu. yds. of borrow were moved for 84% complete. Major and minor drainage installations are 68% complete. Fencing remains at 94% complete.

The prime contractor has 45 men employed and is working two 9-hour shifts on the dirt operation and one 9-hour shift on the gravel. The contractor began gravel operations September 26, 1976. He is placing 1½ inch base course from Sta. 55+00 to 90+00.

The project as a whole is 22% complete with 37% of the contract time elapsed. Engineering layout is 81% complete with a 15 man engineering and inspection crew assigned to the project.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing, Plant Mix Surfacing, Drain, Seal and Cover, Signing and Construct 85.0 Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3-31-76
Contract Amount: $1,001,089.52
Work Started: 4-19-76

Zook Brothers Construction Co.
P. O. Box 2025
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 175 Working Days
Prob. Compl. Date: 11-15-76

cont.

RS 450 (3) Denton-North continued...

Progress the past 2 weeks has been fair. The Contractor, Zook Brothers Construction Co., worked ten 8-hour shifts, employing an average of 12 men. Work consisted of placing 40 cubic yards of filter material for a total to date of 380 cubic yards or 65% complete; placing of 50 cubic yards of Type A riprap for a total to date of 1,290 cubic yards or 90% complete; placing of 225 cubic yards of ditch liner for 100% complete and some cleanup work. Hot plant operations began 9-30-76. Also, completed placement of 104.37 Tons MC-70 on September 28, 1976.

Swan & Son Const., Inc., sub-contractor, constructed 55 rods of fence, making this item 100% complete. Worked two 8-hour shifts, with an average of 5 men employed.

The project as a whole is approximately 65% complete with 51% of the contract time elapsed. An eight man engineering crew is assigned to project inspection and layout.

BRIDGE: The bridge portion of this project was completed and inspected by R.Tobel of the Helena construction office on September 7, 1976. Mackin Construction Co. has removed the PTW Bridge and moved all personnel and equipment off project.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section
Lewistown

RWF/JHP/jrw

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

September 13, 1976

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

September 13, 1976

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	20	4 OCT. 1977	R. J. Studer & Sons $2,759,751.00
FHP 43-1(4)	Yellowstone Canyon Highway - Bridge over Yellowstone River and Gardiner Street	1.362	Grading, Base, PMS, Bridge Widening	91 Bridge Deck Seal is the Only Work Remaining.	97	Weyher Construction Co. $1,515,936.36
FHP 60-1(1)	Raynolds Pass	8.4	Bituminous Plant Mix Paving	130 Work Completed August 18, 1976	100	Baltrusch Construction $277,050.00